Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003050 Transaction Set 843 Response to Request for Quotation

Implementation Convention

U.S. DEPARTMENT OF COMMERCE
Technology Administration
National Institute of
Standards and Technology

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- Statistical Engineering[2]
- Scientific Computing Environments[2]
- Computer Services
- Computer Systems and Communications[2]
- Information Systems

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[1] At Boulder, CO 80303.
[2] Some elements at Boulder, CO 80303.

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U.S. DEPARTMENT OF COMMERCE
Ronald H. Brown, Secretary

Technology Administration
Mary L. Good, Under Secretary for Technology

National Institute of Standards and Technology
Arati Prabhakar, Director

Reports on Computer Systems Technology

The National Institute of Standards and Technology (NIST)'s Computer Systems Laboratory (CSL) develops standard and guidelines, provides technical assistance, and conducts research for computers and related telecommunications systems to advance the effective utilization of information technology resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, CSL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

FOREWORD

In a memorandum of October 26, 1993, the President sought to stimulate the Federal Government's deployment of Electronic Commerce in order to simplify and streamline the acquisition process. In this regard, the President set forth the following objectives:

o   Exchange acquisition information electronically between the private sector and the Federal Government to the maximum extent practicable.

o   Provide businesses, including small, small disadvantaged, and woman-owned businesses, with greater access to Federal acquisition opportunities.

o   Ensure that potential suppliers are provided simplified access to the Federal Government's EC system.

o   Employ nationally and internationally recognized data formats that serve to broaden and ease the interchange of data.

o   Use agency and industry systems and networks to enable the government and potential suppliers to exchange information and access Federal acquisition data.

As part of the Federal Government wide effort to implement EC, NIST has been given the responsibility of coordinating the development and promulgation of Implementation Conventions for the functional areas of EC which will be deployed across the Agencies.

Various Agencies have been actively pursuing Electronic Data Interchange (EDI) for several years - the DoD, GSA, Customs and HHS, for instance, have been particularly active in adopting ANSI X12 standards, and looking ahead to EDIFACT. There became a danger that with fragmentation of usage across the Federal Government a significant burden would be placed on many small businesses to support an unnecessary profusion of formats and conventions.

In the Presidential Memorandum, President Clinton required Federal agencies to implement the use of electronic commerce in Federal purchases as quickly as possible. As the initial step, the President's Management Council (PMC) Electronic Commerce Task Force (ECTF), chaired by the Administrator, Office of Federal Procurement Policy (OFPP), chartered the Federal Electronic Commerce Acquisition Team (ECAT) to complete the first milestone of the President's memorandum. The PMC assigned the Electronic Commerce Acquisition Team, composed of representatives from various Federal departments and agencies, the task of defining the architecture for the government electronic commerce acquisition system and identifying the executive departments or agencies responsible for developing, implementing, operating, and maintaining the Federal electronic system.

Another key step in the implementation of EDI in the Federal Government relies on the definition of Implementation Conventions (ICs). EDI syntax standards, both ASC X12 and UN/EDIFACT, accommodate a full range of business activities for all industries. A standard is the result of a consensus among a large number of users, each with its own set of needs. It is a superset intended to meet the diverse requirements of all users. Standards commonly contain more data elements and structure options than any one user or industry needs. Far too many opportunities exist for inefficient, or ambiguous transactions. Therefore, actual EDI business processes require implementation conventions (ICs) to fully define transactions. ICs do that by tailoring the use of the standards' segments, data elements, and code values and providing a subset menu of those distinct parts. This Special Publication defines a Federal IC based on ASC X12 Version 3050 and is the result of coordinated development and adoption within the Federal Government.

843 Response to Request for Quotation

Functional Group ID=RR

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Response to Request for Quotation Transaction Set (843) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide potential buyers with price, delivery schedule, and other terms from potential sellers of goods and services, in response to a request for such information.

Notes:

1. Provide all mandatory and required segments, data elements, and codes for an offeror to adequately prepare a proposal, quote, or bid. As a general rule, provide any information when it differs from the originating Request for Quotation.

2. This implementation convention can be used to provide a quote in response to an Request for Quote (RFQ), a bid in response to an Invitation for Bid (IFB), a proposal in response to a Request for Proposal (RFP) or a Broad Agency Announcement, or information in response to a Request for Information (RFI). For simplicity, the term quote will be used in this convention for all the above.

3. When BQR01 is code 02, 03, or 04, use only those segments and data elements that are mandatory or necessary to add, delete, or change data in the quote. Transmit the segment(s) or loop(s) containing the added, deleted or changed data in their entirety.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	010	ST	Transaction Set Header	M	1		
	020	BQR	Beginning Segment for Response to Request For Quotation	M	1		
Not Used	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
	095	PAM	Period Amount	O	10		
Not Used	110	CSH	Header Sale Condition	O	25		
	120	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
	140	DIS	Discount Detail	O	20		
	150	DTM	Date/Time Reference	O	10		
	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	190	PID	Product/Item Description	O	200		
	200	MEA	Measurements	O	40		

	210	PWK	Paperwork	O	25
	220	PKG	Marking, Packaging, Loading	O	25
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	250	TD3	Carrier Details (Equipment)	O	12
	260	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5
Not Used	270	MAN	Marks and Numbers	O	10
Not Used	280	CTB	Restrictions/ Conditions	O	5
Not Used	285	CPR	Commodity Price Reference	O	2

LOOP ID - N9   1000

	290	N9	Reference Number	O	1
	300	MSG	Message Text	O	1000

LOOP ID - N1   Used

	310	N1	Name	O	1
	320	N2	Additional Name Information	O	2
	330	N3	Address Information	O	2
	340	N4	Geographic Location	O	1
	350	REF	Reference Numbers	O	12
	360	PER	Administrative Communications Contact	O	>1
Not Used	370	FOB	F.O.B. Related Instructions	O	1
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2
	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	400	TD3	Carrier Details (Equipment)	O	12
	410	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5
	420	PKG	Marking, Packaging, Loading	O	25
Not Used	430	MSG	Message Text	O	>1

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
	010	PO1	Baseline Item Data	O	1		
Not Used	020	CUR	Currency	O	1		
	030	PO3	Additional Item Detail	O	25		
	040	CTP	Pricing Information	O	>1		
Not Used	045	PAM	Period Amount	O	10		
	049	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
	050	PID	Product/Item Description	O	1		
Not Used	060	MEA	Measurements	O	10		
	070	PWK	Paperwork	O	25		
	080	PKG	Marking, Packaging, Loading	O	25		
	090	PO4	Item Physical Details	O	>1		
	100	REF	Reference Numbers	O	>1		
Not Used	110	PER	Administrative Communications Contact	O	3		
	130	SAC	Service, Promotion, Allowance, or Charge	O	25		

Not Used	140	IT8	Information Conditions of Sale	O	25	
	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
	160	DIS	Discount Detail	O	20	
Not Used	170	TAX	Tax Reference	O	3	
	180	FOB	F.O.B. Related Instructions	O	>1	
Not Used	190	SDQ	Destination Quantity	O	50	
	200	DTM	Date/Time Reference	O	10	
Not Used	230	FST	Forecast Schedule	O	5	
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1	
	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	260	TD3	Carrier Details (Equipment)	O	12	
	270	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5	
Not Used	280	MAN	Marks and Numbers	O	10	
	289	MSG	Message Text	O	>1	
Not Used	290	CTB	Restrictions/ Conditions	O	5	
	291	SPI	Specification Identifier	O	>1	
LOOP ID - SCH						**104**
	292	SCH	Line Item Schedule	O	1	n2
Not Used	293	TD1	Carrier Details (Quantity and Weight)	O	1	
Not Used	294	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	296	TD3	Carrier Details (Equipment)	O	12	
Not Used	298	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5	
LOOP ID - CST						**100**
Not Used	300	CST	Cost Analysis	O	1	
Not Used	310	PID	Product/Item Description	O	1	
Not Used	320	CUR	Currency	O	1	
Not Used	330	DTM	Date/Time Reference	O	2	
LOOP ID - SLN						**1000**
Not Used	340	SLN	Subline Item Detail	O	1	
Not Used	350	PID	Product/Item Description	O	1000	
LOOP ID - CST						**100**
Not Used	360	CST	Cost Analysis	O	1	
Not Used	370	PID	Product/Item Description	O	1	
Not Used	380	CUR	Currency	O	1	
Not Used	390	DTM	Date/Time Reference	O	2	
LOOP ID - PD						**>1**
	392	PD	Pricing Data	O	1	
	393	PDD	Pricing Data Detail	O	>1	
LOOP ID - LDT						**>1**
	394	LDT	Lead Time	O	1	
	395	QTY	Quantity	O	>1	
	396	MSG	Message Text	O	1	
LOOP ID - LM						**>1**
	397	LM	Code Source Information	O	1	

	398	LQ	Industry Code	M	>1
			![LOOP ID - N9 FED4]		
	400	N9	Reference Number	O	1
	410	MSG	Message Text	O	1000
			![LOOP ID - N1]		
	420	N1	Name	O	1
	430	N2	Additional Name Information	O	2
	440	N3	Address Information	O	2
	450	N4	Geographic Location	O	1
Not Used	460	REF	Reference Numbers	O	12
	470	PER	Administrative Communications Contact	O	3
Not Used	480	FOB	F.O.B. Related Instructions	O	1
	485	SCH	Line Item Schedule	O	200
Not Used	490	TD1	Carrier Details (Quantity and Weight)	O	2
	500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	510	TD3	Carrier Details (Equipment)	O	12
	520	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5
	530	PKG	Marking, Packaging, Loading	O	25
			![LOOP ID - LDT]		
	550	LDT	Lead Time	O	1
	560	MAN	Marks and Numbers	O	10
	570	QTY	Quantity	O	5
	580	MSG	Message Text	O	1

Summary:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
010	CTT	Transaction Totals	M	1		n3
015	AMT	Monetary Amount	O	1		
020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
3. Number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment:	**ST** **Transaction Set Header**	
Position:	010	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of a transaction set and to assign a control number.	
Notes:	This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.	
Syntax Notes:		
Semantic Notes:	1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).	
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set.	
			843 X12.8 Response to Request for Quotation	
>>	ST02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Segment:	**BQR** Beginning Segment for Response to Request For Quotation
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of a response to request for quote transaction set and to transmit identifying numbers and dates.
Notes:	Use to identify the purpose of the transaction set.
Syntax Notes:	1 If either BQR04 or BQR05 is present, then the other is required.
Semantic Notes:	1 BQR03 is the date to be used for reference purposes in an RFQ and a response to RFQ.
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> BQR01	353	**Transaction Set Purpose Code**	M ID 2/2

Code identifying purpose of transaction set.

Use to identify the purpose of transaction set.

     00   Original

                For the first submission of a quote, use code 00. For successive submissions of a quote for the same solicitation, DO NOT USE code 00, use either code 02, 03, 04, or 07.

     01   Cancellation

                Use to indicate a cancellation of a previously submitted quote.

     02   Add

                Use to indicate an amended quote that is adding a new or first occurrence of a free standing segment(s) or a new or first iteration of a loop(s). When used, transmit the segment(s) or loop(s) containing the data to be added in their entirety.

     03   Delete

                Use to indicate an amended quote that is deleting, without replacement, an entire occurrence of a free standing segment(s) or an entire iteration of a loop(s). When used, transmit the segment(s) or loop(s) containing the data to be deleted in their entirety.

     04   Change

                Use to indicate an amended quote that contains a combination of data additions, deletions or changes to a previously transmitted quote. When used, transmit all segments or loops that contain data additions, deletions or changes in their entirety. Use this code only when codes 02 and 03 do not apply.

     07   Duplicate

                Use to indicate that this is a duplicate quote.

Ref. Des.	Data Element	Name	Attributes
>> BQR02	586	**Request for Quote Reference Number**	M AN 1/45

Number assigned by the purchaser to identify his request for quote.

1. Use to identify the solicitation number to which this transaction set is

responding. If amendments to the solicitation have been issued, the solicitation number and the last amendment number will be concatenated.

2. Use also to identify the contract number of an undefinitized contract action (UCA) to which this transaction set is responding. If the UCA is a call, release, or delivery order against a basic award instrument (BEG02 is code RL), concatenate the basic award instrument number with the call, release or delivery order number. When BEG02 in the 850 transaction set is code RL, concatenate the basic award instrument number from BEG03 with the call, release or delivery order number from BEG04. In this situation, cite code RE in BQR06.

>>   **BQR03**   **373**   **Date**   **M**   **DT**   **6/6**
Date (YYMMDD).

Use to indicate the date of a solicitation. If amendments to the solicitation have been issued, cite the date of the last amendment.

>>   **BQR04**   **374**   **Date/Time Qualifier**   **X**   **ID**   **3/3**
Code specifying type of date or time, or both date and time.

           098   Bid (Effective)

                            Use to indicate the date the quote is being submitted.

           171   Revision

                            When BQR01 is either code 02, 03, or 04, use to indicate the date a revised quote is being submitted.

           177   Cancellation

                            Date on which the coverage or service is no longer in force
                            When BQR01 is code 01, use to indicate the date a quote is being canceled.

>>   **BQR05**   **373**   **Date**   **X**   **DT**   **6/6**
Date (YYMMDD).

    BQR06   **379**   **Bid Type Response Code**   **O**   **ID**   **2/2**
Code indicating the type of response to the request for bid or quote.

When BQR06 is code BW, DQ, or UQ, use either the 1/N9/290 or 2/N9/400 loop to explain or specify exceptions to the solicitation.

           AB   Alternate Bid

                            Use to indicate a substitute product is being offered or other variations from the solicited item are being proposed. When this code is used, specific information must be provided in the PO1 loop. If other exceptions are being taken, use code BW.

           BF   Best and Final

                            Use to indicate this quote represents the offeror's Best and Final offer.

           BI   Bid Without Exception

                            When this code is used, only the mandatory segments, required data elements, and segments to provide pricing, cost information, certifications, representations, or fill-in information are necessary.

           BW   Bid With Exception (Request for Information)

                            When possible, exceptions should be provided within the transaction set, e.g., delivery exceptions, packaging exceptions, etc. When not possible, use either the 1/N9/290 or 2/N9/400 loop (using code KT in N901) to provide the exceptions.

	DQ	Decline to Quote

Use the 1/N9/290 loop (using code 55 in N901) to explain.

	RE	Replacement

Use to indicate a quote in response to an undefinitized action.

	RT	Request for Time Extension

Use to indicate the offeror is requesting a time extension to submit the quote. When used to request an extension for all line items, only the mandatory segments and the 1/DTM/150 segment, code 992, need be transmitted. When used to request an extension for individual line items, only the mandatory segments, the applicable 2/PO1/010 segment (PO101 only) and the 2/DTM/200 segment (with DTM01 citing code 992) need be transmitted.

	UQ	Unable to Quote

Use the 1/N9/290 loop (using code 55 in N901) to explain.

BQR07   786   Security Level Code   O   ID   2/2

Code indicating the level of confidentiality assigned by the sender to the information following.

Use to identify the highest level of government security classification or commercial protection applicable to the quote. If the quote has both a government security classification and a commercial protection level applicable to the quote, the government security classification takes precedence and shall be cited in this data element. The commercial protection level applicable to specific items within the quote can be identified in the 2/SPI/291 segment.

	06	Supplier Proprietary
	11	Competition Sensitive
	92	Government Confidential
	93	Government Secret
	94	Government Top Secret

Segment: **CUR** Currency
Position: 040
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction.
Notes: 1. Use this segment when the quote is in other than U.S. dollars or payment in other than U.S. dollars is being requested. If the quote is in other than U.S. dollars, identify the exchange rate for U.S. dollars applicable to the currency in which the quote is submitted.

2. When this segment is used to request payment in other than U.S. dollars, cite code SE in CUR01 and the requested payment currency in CUR05. No exchange rate is required for the payment currency.

3. When quoting in U.S. dollars but requesting payment in another currency, to comply with the X12 syntax, cite code SE in CUR01, USD in CUR02 and identify the payment currency in CUR05.

Syntax Notes: 1   If CUR08 is present, then CUR07 is required.
                2   If CUR09 is present, then CUR07 is required.
                3   If CUR10 is present, then at least one of CUR11 or CUR12 is required.
                4   If CUR11 is present, then CUR10 is required.
                5   If CUR12 is present, then CUR10 is required.
                6   If CUR13 is present, then at least one of CUR14 or CUR15 is required.
                7   If CUR14 is present, then CUR13 is required.
                8   If CUR15 is present, then CUR13 is required.
                9   If CUR16 is present, then at least one of CUR17 or CUR18 is required.
                10 If CUR17 is present, then CUR16 is required.
                11 If CUR18 is present, then CUR16 is required.
                12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
                13 If CUR20 is present, then CUR19 is required.
                14 If CUR21 is present, then CUR19 is required.

Semantic Notes:
Comments: 1   See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	CUR01	98	Entity Identifier Code	M	ID	2/2
			Code identifying an organizational entity, a physical location, or an individual			
			SE Selling Party			
>>	CUR02	100	Currency Code	M	ID	3/3
			Code (Standard ISO) for country in whose currency the charges are specified.			
			Use to identify the currency in which the quote is being submitted.			
	CUR03	280	Exchange Rate	O	R	4/6
			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another.			
			Use to identify the exchange rate for the currency in which the quote is being submitted (when other than U.S. dollars) to U.S. dollars.			
	CUR04	98	Entity Identifier Code	O	ID	2/2
			Code identifying an organizational entity, a physical location, or an individual			

SE   Selling Party

| | CUR05 | 100 | **Currency Code** | O | ID | 3/3 |

Code (Standard ISO) for country in whose currency the charges are specified.
Use to identify the currency in which payment is requested, if other than U.S. dollars.

| X | CUR06 | 669 | **Currency Market/Exchange Code** | O | ID | 3/3 |

Code identifying the market upon which the currency exchange rate is based.
Refer to 003050 Data Element Dictionary for acceptable code values.

| X | CUR07 | 374 | **Date/Time Qualifier** | X | ID | 3/3 |

Code specifying type of date or time, or both date and time.

| X | CUR08 | 373 | **Date** | O | DT | 6/6 |

Date (YYMMDD).

| X | CUR09 | 337 | **Time** | O | TM | 4/8 |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| X | CUR10 | 374 | **Date/Time Qualifier** | X | ID | 3/3 |

Code specifying type of date or time, or both date and time.
Refer to 003050 Data Element Dictionary for acceptable code values.

| X | CUR11 | 373 | **Date** | X | DT | 6/6 |

Date (YYMMDD).

| X | CUR12 | 337 | **Time** | X | TM | 4/8 |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| X | CUR13 | 374 | **Date/Time Qualifier** | X | ID | 3/3 |

Code specifying type of date or time, or both date and time.
Refer to 003050 Data Element Dictionary for acceptable code values.

| X | CUR14 | 373 | **Date** | X | DT | 6/6 |

Date (YYMMDD).

| X | CUR15 | 337 | **Time** | X | TM | 4/8 |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| X | CUR16 | 374 | **Date/Time Qualifier** | X | ID | 3/3 |

Code specifying type of date or time, or both date and time.
Refer to 003050 Data Element Dictionary for acceptable code values.

| X | CUR17 | 373 | **Date** | X | DT | 6/6 |

Date (YYMMDD).

| X | CUR18 | 337 | **Time** | X | TM | 4/8 |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| X | CUR19 | 374 | **Date/Time Qualifier** | X | ID | 3/3 |

Code specifying type of date or time, or both date and time.
Refer to 003050 Data Element Dictionary for acceptable code values.

| X | CUR20 | 373 | **Date** | X | DT | 6/6 |

Date (YYMMDD).

| X | CUR21 | 337 | Time | X | TM | 4/8 |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Segment:	**REF** Reference Numbers	
Position:	050	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify identifying numbers.	
Notes:	1. Use this 1/REF/050 segment to identify reference numbers that apply to all of the line items. If the reference numbers vary by line item, use the 2/REF/100 segment.	

2. At least one occurrence of this REF segment with REF01 citing code PR is REQUIRED to provide the quoting party's quotation number.

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes:	1	At least one of REF02 or REF03 is required.
Semantic Notes:		
Comments:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> REF01	128	Reference Number Qualifier	M ID 2/2

Code qualifying the Reference Number.

When codes CT or W6 are used, one iteration of the 1/DTM/150 segment is REQUIRED. Use code 036 (Expiration) in DTM01 and provide the expiration date of the cited schedule or contract in DTM02.

2Y	Wage Determination
	Use to indicate a Department of Labor Wage Determination number.
73	Statement of Work (SOW)
	Description of a product or service to be procured under a contract; statement of requirements
	If a Statement of Work is part of the quote, the PWK segment can be used to indicate how the SOW is being provided.
97	Package Number
	A serial number indicating unit shipped
AH	Agreement Number
	Use to indicate a Union Agreement.
C7	Contract Line Item Number
CH	Customer catalog number
CR	Customer Reference Number
	Use to indicate the internal number that the quoting party is assigning to identify the buying party.
CT	Contract Number
	Use to indicate a contract or agreement other than a Federal Supply Schedule from which the quoted item can be ordered. Enter the contract number in REF02 and explain the nature of the contract in REF03 if necessary. The expiration date of the contract must be specified in the DTM segment.

DG   Drawing Number

If a revision number and/or date must be cited for the drawing number, concatenate the revision number with the drawing number and provide the date in REF03.

IJ   Standard Industry Classification (SIC) Code

Use to indicate an exception is being taken to the Standard Industry Classification (SIC) code applicable to the solicitation. When used, the bidder should cite the SIC code considered appropriate.

IX   Item Number

Use to indicate a Federal supply schedule (FSS) special item number.

K6   Purchase Description

LT   Lot Number

LX   Qualified Products List

Use to indicate the Qualified Products List (QPL) number where the quoted item can be found.

NI   Military Standard (MIL-STD) Number

P4   Project Code

Use to indicate the project number applicable to the solicitation.

PR   Price Quote Number

Use to indicate the number the quoting party is assigning to the quote. Use of this code is REQUIRED. Each change to a quote should be assigned a new number or at least have an extension to the original number, e.g., if the original number is 12345, changes can be identified by -1, -2, etc.

QC   Product Specification Document Number

Model designation of replacement component

S2   Military Specification Number (MILSPEC)

S3   Specification Number

Use to indicate a specification number other than a MIL-SPEC. When used, identify the specification in REF03.

TN   Transaction Reference Number

Use to indicate the unique reference number for a related transaction set (e.g., an 841 transaction set carrying a related technical specification or drawing). Each transaction set has a unique number. In the case of the 841 transaction set, that number is carried in SPI02.

TP   Test Specification Number

VW   Standard

Use to indicate a standard other than a MIL-STD. When used, identify the standard in REF03.

W6   Federal Supply Schedule Number

Identifies an item with a two-digit group number, two-digit part number, and one-character section letter
Use to indicate a Federal Supply Schedule in which the quoted item can be found and provide the Schedule number in REF02. The expiration date MUST be noted

in the DTM segment.

         ZZ   Mutually Defined

Use to indicate another type of reference number. When used, identify the nature of the number in REF03.

REF02   127   **Reference Number**   **X   AN   1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

If a document has a revision, the document number and the revision number should be concatenated and cited in this data element.

REF03   352   **Description**   **X   AN   1/80**

A free-form description to clarify the related data elements and their content.

1. Use, if necessary, to carry additional information applicable to a reference number cited in REF02.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**FOB** F.O.B. Related Instructions
Position:	080
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify transportation instructions relating to shipment.
Notes:	1. Use this 1/FOB/080 segment if the FOB point and acceptance location apply to all of the line items. When the FOB point and/or acceptance location varies by line item, use the 2/FOB/180 segment.
	2. This segment is not used when the quote is for construction or a service without deliverables.
	3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.
Syntax Notes:	1 If FOB03 is present, then FOB02 is required.
	2 If FOB04 is present, then FOB05 is required.
	3 If FOB07 is present, then FOB06 is required.
	4 If FOB08 is present, then FOB09 is required.
Semantic Notes:	1 FOB01 indicates which party will pay the carrier.
	2 FOB02 is the code specifying transportation responsibility location.
	3 FOB06 is the code specifying the title passage location.
	4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> FOB01	146	Shipment Method of Payment	M ID 2/2

Code identifying payment terms for transportation charges.

BP	Paid by Buyer
	The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)
	Use to indicate a Government Bill of Lading (GBL) will be issued.
PE	Prepaid and Summary Bill
	Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.
PP	Prepaid (by Seller)
	Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on this instrument's invoice. When used, if known, specify the cost in the SAC segment citing code I260 in SAC02.
PS	Paid by Seller
	The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location)
	Use to indicate transportation charges are included in

			the unit price.			
	FOB02	309	**Location Qualifier**	X	ID	1/2

Code identifying type of location.

Use to identify the FOB point.

	DE	Destination (Shipping)
	FV	Free Alongside Vessel (Free On Board [F.O.B.] Point)
	IT	Intermediate FOB Point

A location indicating the point of destination is not the origin or final destination but rather at some other point

Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC in N101.

	OR	Origin (Shipping Point)
	ZZ	Mutually Defined

Use to indicate another FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.

X	**FOB03**	352	**Description**	O	AN	1/80

A free-form description to clarify the related data elements and their content.

X	**FOB04**	334	**Transportation Terms Qualifier Code**	O	ID	2/2

Code identifying the source of the transportation terms.

Refer to 003050 Data Element Dictionary for acceptable code values.

X	**FOB05**	335	**Transportation Terms Code**	X	ID	3/3

Code identifying the trade terms which apply to the shipment transportation responsibility.

Refer to 003050 Data Element Dictionary for acceptable code values.

	FOB06	309	**Location Qualifier**	X	ID	1/2

Code identifying type of location.

Use to identify the acceptance point. This code also identifies the inspection location unless N101 in the 1/N1/310 loop is Code L1.

	DE	Destination (Shipping)
	OR	Origin (Shipping Point)
	ZZ	Mutually Defined

Use to indicate the acceptance point is neither at origin nor at destination. Provide the address in the N1 loop, using code KZ in N101.

X	**FOB07**	352	**Description**	O	AN	1/80

A free-form description to clarify the related data elements and their content.

X	**FOB08**	54	**Risk of Loss Qualifier**	O	ID	2/2

Code specifying where responsibility for risk of loss passes.

Refer to 003050 Data Element Dictionary for acceptable code values.

X	**FOB09**	352	**Description**	X	AN	1/80

A free-form description to clarify the related data elements and their content.

Segment:	**PAM** Period Amount	
Position:	095	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	10	
Purpose:	To indicate a quantity and/or amount for an identified period.	
Notes:	Use this segment to identify the amount of a bid guarantee that is being submitted as part of the quote. Specify in the PWK segment how the bid guarantee is being provided.	
Syntax Notes:	1	If any of PAM01 PAM02 or PAM03 is present, then all are required.
	2	At least one of PAM02 or PAM05 is required.
	3	If either PAM04 or PAM05 is present, then the other is required.
	4	If either PAM06 or PAM07 is present, then the other is required.
	5	If PAM07 is present, then at least one of PAM08 or PAM09 is required.
	6	If PAM08 is present, then PAM07 is required.
	7	If PAM09 is present, then PAM07 is required.
	8	If PAM10 is present, then at least one of PAM11 or PAM12 is required.
	9	If PAM11 is present, then PAM10 is required.
	10	If either PAM13 or PAM14 is present, then the other is required.
Semantic Notes:	1	PAM10, PAM11, or PAM12 are used when two dates are required.
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
X	PAM01	673	**Quantity Qualifier** Code specifying the type of quantity. Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/2
X	PAM02	380	**Quantity** Numeric value of quantity.	X	R	1/15
X	PAM03	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/2
	PAM04	522	**Amount Qualifier Code** Code to qualify amount	X	ID	1/2

> B0　　　　Bond
>> *Use to indicate a bid guarantee.*

	Ref. Des.	Data Element	Name	Attributes		
	PAM05	782	**Monetary Amount** Monetary amount.	X	R	1/15
X	PAM06	344	**Unit of Time Period or Interval** Code indicating the time period or interval Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/2
X	PAM07	374	**Date/Time Qualifier** Code specifying type of date or time, or both date and time. Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	3/3
X	PAM08	373	**Date** Date (YYMMDD).	X	DT	6/6
X	PAM09	337	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59),	X	TM	4/8

S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are
expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| X | PAM10 | 374 | **Date/Time Qualifier** | **X** | **ID** | **3/3** |

Code specifying type of date or time, or both date and time.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | PAM11 | 373 | **Date** | **X** | **DT** | **6/6** |

Date (YYMMDD).

| X | PAM12 | 337 | **Time** | **X** | **TM** | **4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or
HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59),
S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are
expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| X | PAM13 | 1004 | **Percent Qualifier** | **X** | **ID** | **1/2** |

Code to qualify percent.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | PAM14 | 954 | **Percent** | **X** | **R** | **1/10** |

Percentage expressed as a decimal

Segment: **SAC** Service, Promotion, Allowance, or Charge Information
Position: 120
Loop:
Level: Heading
Usage: Optional
Max Use: 25
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
Notes: Use this 1/SAC/120 segment to identify prices and, if applicable, quantities, for services or non-CLIN charges identified in the solicitation that apply to all of the line items. If the price for the services or non-CLIN charges vary by line item, use the 2/SAC/130 segment.

Syntax Notes:
1   At least one of SAC02 or SAC03 is required.
2   If either SAC03 or SAC04 is present, then the other is required.
3   If either SAC06 or SAC07 is present, then the other is required.
4   If either SAC09 or SAC10 is present, then the other is required.
5   If SAC11 is present, then SAC10 is required.
6   If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7   If SAC14 is present, then SAC13 is required.

Semantic Notes:
1   If SAC01 is A or C, then at least one of SAC05, SAC07, or SAC08 is required.
2   SAC05 is the total amount for the service, promotion, allowance, or charge.
     If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3   SAC08 is the allowance or charge rate per unit.
4   SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
     SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5   SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6   SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

Comments:
1   SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2   In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a ``Dollar Basis Amount''. It is represented in the SAC segment in SAC10 using the qualifier DO - Dollars in SAC09.

<div align="center">Data Element Summary</div>

Ref. Des.	Data Element	Name	Attributes		
>> SAC01	248	Allowance or Charge Indicator	M	ID	1/1
		Code which indicates an allowance or charge for the service specified.			
		C Charge			
		N No Allowance or Charge			
		Use to indicate there is no charge for the service specified SAC02.			
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4
		Code identifying the service, promotion, allowance, or charge			
		1. Any code may be used but the listed codes are preferred.			
		2. As a minimum, the codes listed in the solicitation must be used to identify			

whether or not there is a charge.

B180 Cleaning Charge
B610 Container Service Charge USA/Canada
Use to indicate a reusable container.

B870 Customs Charge
C240 Disconnect Charge
C330 Distribution Fee
C370 Diversion Charge
C880 Expediting Premium
D500 Handling
D530 Hazardous Cargo Charge
D660 Hook-up charge
D820 Inside Delivery
D870 Inspection
D890 Installation and Training
D900 Installation
E340 Less Than Truckload (LTL) Charge
Use to indicate a charge for a less than carload or truckload delivery.

E400 Loading (Labor Charges)
F150 Packaging Service
F460 Postage
F560 Premium Transportation
F830 Proof of Delivery
Use to indicate a charge for the preparation of a DD Form 250.

G030 Reconnect charge
G350 Rents and Leases
G470 Restocking Charge
G530 Rework
G580 Royalties
G660 Scrap Allowance
G740 Service Charge
G760 Set-up
H170 Special Tooling Charge
H430 Storage
H540 Supplemental Items
Use to indicate the amount for Contractor Acquired Parts (CAP).

H550 Surcharge
H850 Tax
Use to indicate total taxes applicable to the total quote amount that are
included in the unit prices.
H990 Testing Services Charge
I260 Transportation Direct Billing
Use to indicate the amount for pre-paid transportation charges that will be
added to an invoice.

I380 Unloading (Labor Charges)
I590 Warranties
Refer to 003050 Data Element Dictionary for acceptable code values.

X	SAC03	559	Agency Qualifier Code	X	ID	2/2

Code identifying the agency assigning the code values.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | SAC04 | 1301 | **Agency Service, Promotion, Allowance, or Charge Code** | X | AN | 1/10 |

Agency maintained code identifying the service, promotion, allowance, or charge

| | SAC05 | 610 | **Amount** | O | N2 | 1/15 |

Monetary amount.

| | SAC06 | 378 | **Allowance/ Charge Percent Qualifier** | X | ID | 1/1 |

Code indicating on what basis allowance or charge percent is calculated.

1. Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

| | SAC07 | 332 | **Percent** | X | R | 1/6 |

Percent expressed as a percent

Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

| | SAC08 | 118 | **Rate** | O | R | 1/9 |

Rate expressed in the standard monetary denomination for the currency specified

| | SAC09 | 355 | **Unit or Basis for Measurement Code** | X | ID | 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

An application program conversion table may be required to convert agency codes to X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

| | SAC10 | 380 | **Quantity** | X | R | 1/15 |

Numeric value of quantity.

If applicable, use to identify the quantity to which the amount in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.

| | SAC11 | 380 | **Quantity** | O | R | 1/15 |

Numeric value of quantity.

| X | SAC12 | 331 | **Allowance or Charge Method of Handling Code** | O | ID | 2/2 |

Code indicating method of handling for an allowance or charge.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | SAC13 | 127 | **Reference Number** | X | AN | 1/30 |

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

| X | SAC14 | 770 | **Option Number** | O | AN | 1/20 |

A unique number identifying available promotion or allowance options when more than one is offered.

| X | SAC15 | 352 | **Description** | O | AN | 1/80 |

A free-form description to clarify the related data elements and their content.

Segment:	**ITD** Terms of Sale/Deferred Terms of Sale	
Position:	130	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	5	
Purpose:	To specify terms of sale.	
Notes:	1. Use this segment to identify a discount applicable to the entire quote.	
	2. The Prompt Payment Act specifies payment terms as Net 30 unless an appropriate discount is applicable. Contractors do not need to cite net payment terms.	
Syntax Notes:	1	If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	2	If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	3	If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:	1	ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments:	1	If the code in ITD01 is 04, then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is 05, then ITD06 or ITD07 is required.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
X	ITD01	336	**Terms Type Code**	O	ID	2/2
			Code identifying type of payment terms.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	ITD02	333	**Terms Basis Date Code**	O	ID	1/2
			Code identifying the beginning of the terms period.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	ITD03	338	**Terms Discount Percent**	O	R	1/6
			Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date. *Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).*			
X	ITD04	370	**Terms Discount Due Date**	X	DT	6/6
			Date payment is due if discount is to be earned.			
	ITD05	351	**Terms Discount Days Due**	X	N0	1/3
			Number of days in the terms discount period by which payment is due if terms discount is earned.			
X	ITD06	446	**Terms Net Due Date**	O	DT	6/6
			Date when total invoice amount becomes due.			
X	ITD07	386	**Terms Net Days**	O	N0	1/3
			Number of days until total invoice amount is due (discount not applicable).			
X	ITD08	362	**Terms Discount Amount**	O	N2	1/10
			Total amount of terms discount.			
X	ITD09	388	**Terms Deferred Due Date**	O	DT	6/6
			Date deferred payment or percent of invoice payable is due.			
X	ITD10	389	**Deferred Amount Due**	X	N2	1/10
			Deferred amount due for payment.			
X	ITD11	342	**Percent of Invoice Payable**	X	R	1/5
			Amount of invoice payable expressed in percent.			
X	ITD12	352	**Description**	O	AN	1/80

A free-form description to clarify the related data elements and their content.

| X | ITD13 | 765 | **Day of Month** | X | N0 | 1/2 |

The numeric value of the day of the month between 1 and the maximum day of the month being referenced.

| X | ITD14 | 107 | **Payment Method Code** | O | ID | 1/1 |

Code identifying type of payment procedures.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | ITD15 | 954 | **Percent** | O | R | 1/10 |

Percentage expressed as a decimal

Segment: **DIS** Discount Detail
Position: 140
Loop:
Level: Heading
Usage: Optional
Max Use: 20
Purpose: To specify the exact type and terms of various discount information.
Notes: 1. Use this 1/DIS/140 segment to identify volume discounts that apply to all of the line items or the entire order that are based on the dollar value purchased. Use the 2/DIS/160 segment if the discount varies by line item.

2. Use the 1/N9/290 segment, with N901 citing code L1, and the 1/MSG/300 segment to specify other volume or promotional discounts that apply to all of the line items or the entire order.

Syntax Notes:
Semantic Notes: 1   DIS05 is the minimum for application of the discount.
                    2   DIS06 is the maximum for application of the discount.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	DIS01	653	**Discount Terms Type Code**	M	ID	3/3
			Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
>>	DIS02	654	**Discount Base Qualifier**	M	ID	·2/2
			Code to define unit of discount, i.e., dollars, cases, alternate products, etc.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
>>	DIS03	655	**Discount Base Value**	M	R	1/10
			A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount.			
>>	DIS04	656	**Discount Control Limit Qualifier**	M	ID	2/3
			Code to define the units of the limits for determining discount.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
>>	DIS05	657	**Discount Control Limit**	M	N0	1/10
			Amount or time associated with application of the discount.			
	DIS06	657	**Discount Control Limit**	O	N0	1/10
			Amount or time associated with application of the discount.			

Segment: **DTM** Date/Time Reference
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times.
Notes: 1. Use this 1/DTM/150 segment to identify dates that apply to the entire quote or all of the line items. When the dates vary by line item, use the 2/DTM/200 segment.

2. This segment can be used to quote a delivery date when it is specified as an actual date. If the delivery schedule is quoted as a set time period after the occurrence of some event, use the 1/LDT/160 segment.

3. This segment can also be used to request an extension of the quote submission date, to extend the quote expiration date, to provide the date of a FSS or other contract, or to specify the midpoint of the proposed effort.

4. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes: 1   At least one of DTM02 DTM03 or DTM06 is required.
               2   If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> DTM01	374	Date/Time Qualifier	M	ID	3/3

Code specifying type of date or time, or both date and time.

017	Estimated Delivery
036	Expiration
	Date coverage expires

Use to indicate the expiration date of a Federal Supply Schedule or contract. This relates to information provided in the 1/REF/050 segment specifically for codes CT, and W6.

037	Ship Not Before
063	Do Not Deliver After

Use to indicate deliveries cannot be made after a specified date and/or time.

064	Do Not Deliver Before

Use to indicate deliveries cannot be made before a specified date and/or time.

065	1st Schedule Delivery
066	1st Schedule Ship
069	Promised for Delivery

Use to indicate the exact date when the offeror proposes to make delivery.

075	Promised for Delivery (Prior to and Including)

Use to indicate the date on or before which the offeror proposes to make delivery.

	078	Promised for Delivery (Week of)
		When this code is used, cite the beginning date of the week.
	174	Month Ending
		Use to indicate delivery is required on the last date of the specified month.
	193	Period Start
		Use to indicate the performance period start date.
	194	Period End
		Use to indicate the performance period end date.
	227	Lease Term Start
	228	Lease Term End
	276	Contract Start
		The start date for a contract
		Use to indicate the commencement date of an Agreement or an IDC award instrument.
	279	Contract Completion
		The finish date for a contract
		Use to indicate the completion date of an Agreement or an IDC award instrument.
	368	Submittal
		Date an item was submitted to a customer
		When REF01 is code TN, use to indicate the date of a related transaction set.
	375	Delivery Start
		The date that deliveries will begin
		Use to indicate the start date for deliveries when the total quantity is to be delivered during a specified time period.
	376	Delivery End
		The date that deliveries will end
		Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.
	800	Midpoint of Performance
		Use to indicate the date when half the effort in terms of dollars or hours will be completed.
	937	Department of Labor Wage Determination Date
		Use to indicate the date of a Department of Labor Wage Determination.
	992	Date Requested
		When BQR06 is code RT, use to indicate the extension date requested for a quote submission.

DTM02   **373**   **Date**   **X** **DT** **6/6**

Date (YYMMDD).

DTM03   **337**   **Time**   **X** **TM** **4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)
If applicable, use to indicate the time for a delivery.

| DTM04 | 623 | **Time Code** | | **O** | **ID** | **2/2** |

Code identifying the time. In accordance with International Standards
Organization standard 8601, time can be specified by a + or - and an indication
in hours in relation to Universal Time Coordinate (UTC) time. Since + is a
restricted character, + and - are substituted by P and M in the codes that follow.
Specify the time only in the HHMM format.

	CT	Central Time
	ET	Eastern Time
	GM	Greenwich Mean Time
	LT	Local Time
	MT	Mountain Time
	PT	Pacific Time

| DTM05 | 624 | **Century** | | **O** | **N0** | **2/2** |

The first two characters in the designation of the year (CCYY).

| DTM06 | 1250 | **Date Time Period Format Qualifier** | | **X** | **ID** | **2/3** |

Code indicating the date format, time format, or date and time format.
1. Use any code.

*2. Use to qualify a date when it is necessary to express the date in other than
YYMMDD format. Use also, to qualify a range of dates or times.*
Refer to 003050 Data Element Dictionary for acceptable code values.

| DTM07 | 1251 | **Date Time Period** | | **X** | **AN** | **1/35** |

Expression of a date, a time, or range of dates, times or dates and times.
*Use to identify a time range for deliveries on a specified date, e.g., use code
RTM in DTM06 to qualify a delivery range for March 30, 1995 between 1:00
PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1995
date.*

Segment:	**LDT** Lead Time	
Position:	160	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify lead time for availability of products and services.	
Notes:	1. Use this 1/LDT/160 segment when the quote delivery schedule applies to all of the line items and there will be only one delivery of the total quantity. If the quote delivery schedule varies by line item or more than one delivery will be required for the total quantity, use the 2/LDT/394 loop. If the quote delivery schedule differs by ship-to addressee, use the 2/LDT/550 loop.	
	2. Use this segment when the delivery schedule is expressed as a set time period after the occurrence of some event. The previous DTM segment is used when the delivery date is an actual date.	
	3. This segment can also be used to indicate the length of the quote acceptance period allowed by the offeror or to specify when the midpoint of the proposed effort will be reached.	
	4. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.	
Syntax Notes:		
Semantic Notes:	1	LDT04 is the effective date of lead time information.
Comments:	1	LDT02 is the quantity of Unit of Time Periods.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	LDT01	345	Lead Time Code	M	ID	2/2

Code indicating the time range.

AA	From date of PO receipt to sample ready.	
AD	From date of sample approval to first product shipment.	
AE	From date of PO receipt to shipment.	
AF	From date of PO receipt to delivery.	
AP	From Date of Award to Midpoint of Effort	
AT	From Bid Opening to Expiration of Bid	
	Use to indicate the bid acceptance period allowed by the offeror with the bid opening date as the basis.	
AU	From Required-By Date to Expiration Date	
	Use to indicate the bid acceptance period allowed by the offeror with the bid due date as the basis.	
AV	From Date of Award to Date of Latest Delivery	
AW	From Date of Award to Date of Earliest Delivery	
AX	From Date of Award to Date of Completion	
	Use to indicate the completion date, e.g., for a level of effort.	
AY	From Date of Award to Date of Delivery	
AZ	From Date of Receipt of Item to Date of Approval of Item	

	Ref. Des.	Data Element	Name	Attributes		
>>	LDT02	380	Quantity	M	R	1/15

Numeric value of quantity.

>>	LDT03	344	**Unit of Time Period or Interval**	M	ID	2/2

Code indicating the time period or interval

CY	Calendar Year
DA	Calendar Days
KK	Maximum Calendar Days

Use to indicate a flexible time period, e.g., X number of days or less.

MO	Month
QY	Quarter of a Year
SA	Semiannual
WK	Weeks

	LDT04	373	Date	O	DT	6/6

Date (YYMMDD).

Use, as applicable, to cite the effective date of a lead time. For example, the start date of the cited activity.

Segment:	**MEA** Measurements
Position:	200
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	40
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights. (See Figures Appendix for example of use of C001.)
Notes:	1. Use this 1/MEA/200 segment to provide information that applies to all of the line items. If the information varies by line item, use the 2/MEA/049 segment.

2. This segment can be used to specify the variations in quantity permitted; and for a requirements or an indefinite quantity type procurement instrument, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, and the minimum and maximum obligations of the government and the contractor.

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes:	1	At least one of MEA03 MEA05 MEA06 or MEA08 is required.
	2	If MEA05 is present, then MEA04 is required.
	3	If MEA06 is present, then MEA04 is required.
	4	If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
	5	Only one of MEA08 or MEA03 may be present.
Semantic Notes:	1	MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	1	When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
MEA01	737	**Measurement Reference ID Code**	O ID 2/2

Code identifying the broad category to which a measurement applies
Use any code.

BT Batch Limits
Use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under a requirements or indefinite quantity type award instrument, a task order or a delivery order depending on the code cited in BQT06 of the 840 solicitation. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

CT Counts
Use to indicate variations in quantity when it is expressed as a discrete quantity. Specify the quantity under and/or over in MEA05/06.

DE Defects
Use to indicate a warranty period.

LT Lot Limits
Use to indicate the minimum and maximum limits of the contractor's obligation either in terms of dollars or quantity to deliver under a requirements or an

indefinite quantity type award instrument. Do not use for a purchase order or delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

OL Order Limits
Use to indicate the maximum that the government may order from a requirements or an indefinite quantity type award instrument in a specified time period. Do not use for a purchase order or delivery order. Use MEA03 to identify the quantity, MEA04-C00101 to identify the unit of measure, and MEA04-C00104 to identify the time period.

PM Permitted
Use to indicate the minimum and maximum quantity or dollars that are permitted per order against a requirements or an indefinite quantity type award instrument. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.
Refer to 003050 Data Element Dictionary for acceptable code values.

MEA02	**738**	**Measurement Qualifier**	**O**	**ID**	**1/3**

Code identifying a specific product or process characteristic to which a measurement applies
Use any code.

MX Maximum
When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified period of time.

PO Percent of Order (-, +)
Use to indicate the variation of quantity permitted when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.

RY Ratio
Use to indicate the proposed share ratio for an incentive or cost sharing contract. Identify the proposed Government share in MEA05 and the proposed contractor share in MEA06.

TT Time
Use to indicate the length of a warranty period. Specify the number of days, weeks, months or years in MEA03 and the time period in MEA04-C00101.
Refer to 003050 Data Element Dictionary for acceptable code values.

MEA03	**739**	**Measurement Value**	**X**	**R**	**1/20**

The value of the measurement.

MEA04	**C001**	**Composite Unit of Measure**	**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use.)
1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a requirements or an indefinite quantity type award instrument.

2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite code MX, MEA03 would cite 10,000, MEA04-C00101 would cite code EA and MEA04- C00104 would cite code Q1.

>>	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID** **2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.
Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00102	1018	**Exponent**	O	R	1/15

Power to which a unit is raised.

X	C00103	649	**Multiplier**	O	R	1/10

Value to be used as a multiplier to obtain a new value

	C00104	355	**Unit or Basis for Measurement Code**	O	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.
Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00105	1018	**Exponent**	O	R	1/15

Power to which a unit is raised.

X	C00106	649	**Multiplier**	O	R	1/10

Value to be used as a multiplier to obtain a new value

X	C00107	355	**Unit or Basis for Measurement Code**	O	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00108	1018	**Exponent**	O	R	1/15

Power to which a unit is raised.

X	C00109	649	**Multiplier**	O	R	1/10

Value to be used as a multiplier to obtain a new value

X	C00110	355	**Unit or Basis for Measurement Code**	O	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00111	1018	**Exponent**	O	R	1/15

Power to which a unit is raised.

X	C00112	649	**Multiplier**	O	R	1/10

Value to be used as a multiplier to obtain a new value

X	C00113	355	**Unit or Basis for Measurement Code**	O	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00114	1018	**Exponent**	O	R	1/15

Power to which a unit is raised.

X	C00115	649	**Multiplier**	O	R	1/10

Value to be used as a multiplier to obtain a new value

	MEA05	740	**Range Minimum**	X	R	1/20

The value specifying the minimum of the measurement range.

1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity under.

2. When MEA02 is RY, use to specify the proposed Government share.

3. When MEA01 is code BT, LT, or PM, use to specify the minimum amount or quantity.

4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

| | MEA06 | 741 | **Range Maximum** | | X | R | 1/20 |
The value specifying the maximum of the measurement range.

1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity over.

2. When MEA02 is RY, use to specify the proposed contractor share.

3. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity.

4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

| X | MEA07 | 935 | **Measurement Significance Code** | O | ID | 2/2 |
Code used to benchmark, qualify or further define a measurement value.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | MEA08 | 936 | **Measurement Attribute Code** | X | ID | 2/2 |
Code used to express an attribute response when a numeric measurement value cannot be determined.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | MEA09 | 752 | **Surface/Layer/Position Code** | O | ID | 2/2 |
Code indicating the product surface, layer or position that is being described.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | MEA10 | 1373 | **Measurement Method or Device** | X | ID | 2/4 |
The method or device used to record the measurement

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **PWK** Paperwork
Position: 210
Loop:
Level: Heading
Usage: Optional
Max Use: 25
Purpose: To identify the type and transmission of paperwork or supporting information
Notes: 1. Use this 1/PWK/210 segment, when needed, to indicate either paperwork required in the Request for Quote (PWK segment in the 840), or other paperwork applicable to the quote is being provided by means other than within this transaction set. If there is paperwork applicable to a specific line item, use the 2/PWK/070 segment.

2. Use this segment to provide information essential to the quote.

Syntax Notes: 1   If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:
Comments: 1   PWK05 and PWK06 may be used to identify the addressee by a code number.
             2   PWK07 may be used to indicate special information to be shown on the specified report.
             3   PWK08 may be used to indicate action pertaining to a report.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> PWK01	755	**Report Type Code**	M ID 2/2

Code indicating the title or contents of a document, report or supporting item

Use to identify the type of paperwork the offeror is providing.

25	Purchase Plan

Use to indicate a make or buy plan.

35	Subcontractor Plan
AE	Attachment

Use to indicate some additional type document is being provided by means other than within the transaction set. Specify the nature of the document in PWK07.

C1	Cost Data Summary

Use to indicate non-certified cost and price data.

C5	Certified Cost and Price Data
C6	Wage Determination

Use to indicate a Department of Labor Wage Determination.

DW	Drawing(s)
IT	Certified Inspection and Test Results

Use to indicate test results for a QBL, QML, or QPL item.

MS	Material Safety Data Sheet
PJ	Purchasing Specification

Specifications, generated by a customer, setting acceptance limits on the properties or performance of the product being purchased; purchasing specifications may additionally supply instructions for packaging, transportation, delivery, and payments
Use to indicate a statement of work.

			PM	Proof of Insurance
			SD	Support Data for a Request for Quote

Use to indicate that supporting technical documentation, e.g., technical proposal, etc. are being provided. Use of this code is required when BQR06 is code AB.

| | | | TJ | Asset Status Advice |

Use to indicate a construction bid bond.

| | | | UA | Union Agreement |
| | | | US | "BUY AMERICA" Certification of Compliance |

	PWK02	756	**Report Transmission Code**		O	**ID**	1/2

Code defining timing, transmission method or format by which reports are to be sent

			BE	By Mail and Electronically

Use to indicate E-Mail.

			BM	By Mail
			CF	Courier
			EL	Electronically Only

Use to indicate Electronic Data Interchange (EDI).

| | | | FX | By Fax |

X	PWK03	757	**Report Copies Needed**		O	**N0**	1/2

The number of copies of a report that should be sent to the addressee.

	PWK04	98	**Entity Identifier Code**		O	**ID**	2/2

Code identifying an organizational entity, a physical location, or an individual

Use to identify the party to whom the paperwork identified in PWK01 was sent. If there is more than one recipient of the same paperwork item, use multiple repetitions of the PWK segment with the same report code in PWK01. Provide the address of the recipient in the 1/N1/310 segment and/or the recipient communication number in the 1/PER/260 segment.

			7N	Party to Receive Proposal
			BY	Buying Party (Purchaser)

Use to indicate the contracting officer.

| | | | IS | Party to Receive Certified Inspection Report |

Use when PWK01 is code IT.

| | | | KF | Audit Office |

The office performing the audit

| | | | KG | Project Manager |

The address of the person responsible for the management of a designated project
Use to indicate the party responsible for a project to include the Advisor under a Grant.

| | | | KY | Technical Office |

X	PWK05	66	**Identification Code Qualifier**		X	**ID**	1/2

Code designating the system/method of code structure used for Identification Code (67).

X	PWK06	67	**Identification Code**		X	**AN**	2/20

Code identifying a party or other code.

	PWK07	352	**Description**		O	**AN**	1/80

A free-form description to clarify the related data elements and their content.

1. Use, only if necessary, to identify additional information related to a specific

paperwork item.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

	PWK08	C002	**Actions Indicated**	**O**		

Actions to be performed on the piece of paperwork identified

>>	C00201	704	**Paperwork/Report Action Code**	**M**	**ID**	**1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required.

		PV	Provided

Use to indicate the specified paperwork will be or is being provided by the offeror.

X	C00202	704	**Paperwork/Report Action Code**	**O**	**ID**	**1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00203	704	**Paperwork/Report Action Code**	**O**	**ID**	**1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00204	704	**Paperwork/Report Action Code**	**O**	**ID**	**1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00205	704	**Paperwork/Report Action Code**	**O**	**ID**	**1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**PKG** Marking, Packaging, Loading	
Position:	220	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	25	
Purpose:	To describe marking, packaging, loading and unloading requirements.	

Notes: 1. Use this 1/PKG/220 segment to identify packaging requirements that apply to all of the line items. If the packaging requirements apply to all of the line items to be delivered to a named entity, use the 1/PKG/420 segment. If the packaging requirements vary by line item, use the 2/PKG/080 segment or the 2/PKG/530 segment if the packaging requirements are applicable to a named entity.

2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes:
1 At least one of PKG04 PKG05 or PKG06 is required.
2 If PKG04 is present, then PKG03 is required.
3 If PKG05 is present, then PKG01 is required.

Semantic Notes:
1 PKG04 should be used for industry-specific packaging description codes.

Comments:
1 Use MEA (Measurements) segment to define dimensions, tolerances weights, counts, physical restrictions, etc.
2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used.
3 Use PKG03 to indicate the organization that publishes the code list being referred to.
4 Special marking or tagging data can be given in PKG05 (Description).

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PKG01	349	Item Description Type	X	ID	1/1

Code indicating the format of a description.

F	Free-form
S	Structured (From Industry Code List)
X	Semi-structured (Code and Text)

Ref. Des.	Data Element	Name	Attributes		
PKG02	753	Packaging Characteristic Code	O	ID	1/5

Code specifying the marking, packaging, loading and related characteristics being described.
Use the listed codes to identify applicable packaging requirements.

CD	Cleaning or Drying Procedure
CT	Cushioning Thickness
CUD	Cushioning and Dunnage
HM	Hazardous Material
IC	Intermediate Container
LP	Level Of Preservation
OPI	Optional Procedure Indicator
PK	Packing

When the packing code associated with this Packaging Characteristic Code is a three position code; the first position signifies Level A packing for overseas shipments via surface; the second position signifies Level B packing for overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is being proposed, cite MIL-STD 2073-2C code X in PKG04.

PM	Preservation Method
PML	Preservation Material
SMK	Special Marking
UC	Unit Container
UCL	Unit Container Level
WM	Wrapping Material

PKG03   559   **Agency Qualifier Code**   X   ID   2/2

Code identifying the agency assigning the code values.

DF	Department of Defense (DoD)
GS	General Services Administration (GSA)
	Responsible for Federal Specification
ZZ	Mutually Defined

Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12 requesting a code for Federal Government. If approved, we expect the code will be available for use in ASC X12 Version/Release 3060.

PKG04   754   **Packaging Description Code**   X   AN   1/7

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product.
The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD-2073-2C).

PKG05   352   **Description**   X   AN   1/80

A free-form description to clarify the related data elements and their content.
1. When PKG04 carries a code indicating that the item will be packed differently than required in the solicitation, use to provide an explanation.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

X   **PKG06**   400   **Unit Load Option Code**   X   ID   2/2

Code identifying loading or unloading a shipment
Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)

Position: 240
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify the carrier, sequence of routing and to provide transit time information.
Notes: 1. Use this 1/TD5/240 segment to identify the transportation method that is applicable to all of the line items. If the transportation method applies to all of the line items to be delivered to a named entity, use the 1/TD5/390 segment. If the transportation method varies by line item, use the 2/TD5/250 or the 2/TD5/500 segment when the transportation method is applicable to a named entity.

2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes:
1   At least one of TD502 TD504 TD505 TD506 or TD512 is required.
2   If TD502 is present, then TD503 is required.
3   If TD507 is present, then TD508 is required.
4   If TD510 is present, then TD511 is required.

Semantic Notes:
Comments:
1   When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement: use TD502 to identify the party responsible for defining the routing sequence; use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
X	TD501	133	**Routing Sequence Code**		O	**ID**	1/2
			Code describing the relationship of a carrier to a specific shipment movement.				
			Refer to 003050 Data Element Dictionary for acceptable code values.				
X	TD502	66	**Identification Code Qualifier**		X	**ID**	1/2
			Code designating the system/method of code structure used for Identification Code (67).				
			Refer to 003050 Data Element Dictionary for acceptable code values.				
X	TD503	67	**Identification Code**		X	AN	2/20
			Code identifying a party or other code.				
	TD504	91	**Transportation Method/Type Code**		X	**ID**	1/2
			Code specifying the method or type of transportation for the shipment.				
			1. Use any code.				
			2. An application program conversion table may be required to convert agency codes to X12 codes.				
			D Parcel Post				
			Use to indicate the US Postal Service and not a private carrier.				
			Refer to 003050 Data Element Dictionary for acceptable code values.				
X	TD505	387	**Routing**		X	AN	1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.				
X	TD506	368	**Shipment/Order Status Code**		X	**ID**	2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item				

or transaction.
Refer to 003050 Data Element Dictionary for acceptable code values.

| X | TD507 | 309 | **Location Qualifier** | O | ID | 1/2 |

Code identifying type of location.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | TD508 | 310 | **Location Identifier** | X | AN | 1/30 |

Code which identifies a specific location.

| X | TD509 | 731 | **Transit Direction Code** | O | ID | 2/2 |

The point of origin and point of direction.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | TD510 | 732 | **Transit Time Direction Qualifier** | O | ID | 2/2 |

Code specifying the value of time used to measure the transit time.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | TD511 | 733 | **Transit Time** | X | R | 1/4 |

The numeric amount of transit time.

| | TD512 | 284 | **Service Level Code** | X | ID | 2/2 |

Code defining service

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**TD4** Carrier Details (Special Handling or Hazardous Materials or Both)
Position:	260
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	5
Purpose:	To specify transportation special handling requirements or hazardous materials information or both.
Notes:	1. Use this 1/TD4/260 segment to provide special handling or hazardous material information when it applies to all of the line items. Use the 1/TD4/410 segment when the special handling or hazardous material information applies to all of the line items applicable to a named entity. If this information varies by line item, use the 2/TD4/270 segment or the 2/TD4/520 if the information is applicable to a named entity.
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.
Syntax Notes:	1 At least one of TD401 TD402 or TD404 is required.
	2 If TD402 is present, then TD403 is required.
Semantic Notes:	
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
TD401	152	**Special Handling Code**	X	ID	2/3

Code specifying special transportation handling instructions.

Any code may be used but the listed codes are preferred.

AMM A.M. Delivery Requirement
DA Dangerous
EX Explosive Flammable Gas
FG Flammable Gas
FL Flammable
FP Flammable Poison Gas
HM Endorsed as Hazardous Material
LT Less Than Full Carload
LTT Less Than Truckload
PG Poisonous Gas
PMM P.M. Delivery Requirement
Refer to 003050 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes		
TD402	208	**Hazardous Material Code Qualifier**	X	ID	1/1

Code which qualifies the Hazardous Material Class Code (209).

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes		
TD403	209	**Hazardous Material Class Code**	X	AN	2/4

Code specifying the kind of hazard for a material.

Ref. Des.	Data Element	Name	Attributes		
TD404	352	**Description**	X	AN	1/80

A free-form description to clarify the related data elements and their content.

Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**N9** Reference Number
Position:	290
Loop:	N9
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier.
Notes:	1. Use this 1/N9/290 loop to provide required information that is applicable to the entire quote. To provide information applicable to a line item, use the 2/N9/400 loop.

2. Use this loop to provide certifications, representations and fill-in information, as required in the solicitation (RRA segment) 840 transaction set, that is not provided elsewhere in the transaction set; to provide explanations when BQR06 is either code DQ or UQ; or to specify exceptions (BQR06 is code BW) being taken to some item in the solicitation that cannot be provided elsewhere in the transaction set.

3. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment.

4. When an Alternate section is applicable to a cited clause, the alpha/numeric alternate identifier and date MUST be cited in the following MSG segment.

5. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes:	1	At least one of N902 or N903 is required.
	2	If N906 is present, then N905 is required.
Semantic Notes:	1	N906 reflects the time zone which the time reflects.
Comments:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> N901	128	Reference Number Qualifier	M	ID	2/2

Code qualifying the Reference Number.

55	Sequence Number	

When BQR06 is code DQ or UQ, use to indicate an explanation is being provided in the following MSG segment. Insert the word "Explanation" in N903 when using this code.

BB	Authorization Number

Proves that permission was obtained to provide a service
Use to indicate the Code of Federal Regulations.

CJ	Clause Number

Use to indicate a purchasing activity clause (i.e., a clause not found in FAR/DFARS/FIRMR, etc.). Identify the purchasing activity issuing the clause in N903.

DF	Defense Federal Acquisition Regulations (DFAR)
DX	Department/Agency Number

Use to indicate an Agency Clause and identify the agency in N903.

EC	Circular

	Use to indicate an Office of Management and Budget (OMB) Circular number.
FA	Federal Acquisition Regulations (FAR)
H4	Federal Information Resources Management Regulation
KR	Response to a Request for Quotation Reference

A discrete number assigned for identification purpose to a response to a request for quotation
Use to indicate fill-in information required by the number cited in N902 is being provided in the following MSG segment.

KT	Request for Quotation Reference

A discrete number assigned for identification purposes to a request for quotation
When BQR06 is code BW, use to indicate exceptions are being taken to items in the solicitation and are specified in the following MSG segment. Insert the word "Exception" in N903 when this code is used.

KW	Certification

A number, taken from an acquisition regulation, which represents a specific certification that must be made by a prospective vendor before a contract or order can be placed with that vendor
Use to indicate a certification required by the number cited in N902 is being provided in the following MSG segment.

KX	Representation

A number, taken from an acquisition regulation, which represents a specific representation that must be made by a prospective vendor before a contract or order can be placed with that vendor
Use to indicate a representation required by the number cited in N902 is being provided in the following MSG segment.

KY	Site Specific Procedures, Terms, and Conditions

A set of procedures, terms, and conditions, applicable to a category of procurement emanating from a specific location, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents

KZ	Master Solicitation Procedures, Terms, and Conditions

A set of standard procedures, terms, and conditions, applicable to a category of procurement, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents
Use to indicate the Master Solicitation number that contains terms and conditions that pertain to the solicitation.

L1	Letters or Notes

Use to indicate general information, comments, or notes are being provided by the bidder in the following MSG segment. Insert the word "Note" in N903 when

this code is used.

ZZ   Mutually Defined

Use to indicate that amounts applicable to incentive or cost sharing contracts are being provided in the MSG segment. When used, insert the word "Amounts" in N903.

| | N902 | 127 | **Reference Number** | X | **AN** | 1/30 |

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

| | N903 | 369 | **Free-form Description** | X | **AN** | 1/45 |

Free-form descriptive text.

1. When N901 is code 55, cite the word "Explanation"; when N901 is code KT, cite the word "Exception"; when N901 is code L1, cite the word "Note"; when N901 is code ZZ, insert the word "Amounts"; when N901 is code CJ, or DX, identify the purchasing activity or agency issuing the clause cited in N902.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

| | N904 | 373 | **Date** | O | **DT** | 6/6 |

Date (YYMMDD).

Use to identify the date of the clause cited in N902. The DD portion of the date will always be 01.

| X | N905 | 337 | **Time** | X | **TM** | 4/8 |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| X | N906 | 623 | **Time Code** | O | **ID** | 2/2 |

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow. Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **MSG** Message Text
Position: 300
Loop: N9
Level: Heading
Usage: Optional
Max Use: 1000
Purpose: To provide a free form format that would allow the transmission of text information.
Notes: 1. Use this segment when N901 is code KR, KW, or KX to provide a certification, representation or fill-in information required by the clause or paragraph number cited in N902; when N901 is code L1 to provide general comments or notes; when N901 is code 55 to provide an explanation for not providing a quote; when N901 is code KT, to identify exceptions being taken to some portion of the solicitation; or when N901 is code ZZ, to identify amounts applicable to incentive or cost sharing contracts.

2. When providing a certification, representation or fill-in information, the clause title, if cited, and the alternate identifier and date, if applicable, will be the first data provided. This data will be followed by a numeric designation of the number of data items being provided. Each data item will be preceded by the paragraph or section identifier in the clause where the certification, representation or fill-in information is to be inserted (if identifiers are included in the clause). If there is no paragraph or section designator, the required information will immediately follow the numeric designation of the data items being provided. If the information to be provided is to be selected from provided responses within the clause, cite the information that is selected.

3. A pipe sign (|) will be inserted after each data item. As an example, the information required by FAR 52.204-3 would be provided as follows:

Taxpayer Identification| 3| (c) TIN has been applied for| (d) Other corporate entity| (e) Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this clause|

Information required by DFARS 252.211-7012 would be provided as follows:

Certifications--Commercial Items--Competitive Acquisitions| 2|(c)(1) Items offered are commercial items as defined in (b)(1)(iv)| (c2)(ii) Will be produced using government production and research property identified below| Milling Machine| N0001992C1234| Naval Air Systems Command|

In the second example, the name of the offeror and the solicitation number (required by the clause) are provided elsewhere within the transaction set therefore are not repeated in the certification.

4. Use this segment to provide information essential to the quote.
Syntax Notes:
Semantic Notes:
Comments: 1   MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	MSG01	933	**Free-Form Message Text** Free-form message text.	M	AN	1/264
X	MSG02	934	**Printer Carriage Control Code**	O	ID	2/2

A field to be used for the control of the line feed of the receiving printer.
Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **N1** Name
Position: 310
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name and code.
Notes: 1. Use this 1/N1/310 loop to identify entities or locations that apply to all of the line items. If information varies by line item, use the 2/N1/420 loop.

2. Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segment N2 through N4 as applicable when address information cannot be provided using one of the codes listed in N103.

3. At least 2 repetitions of this are required using codes BY and SE in N101.

4. Use this segment to provide information essential to the quote.
Syntax Notes: 1   At least one of N102 or N103 is required.
             2   If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1   This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
             2   N105 and N106 further define the type of entity in N101.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> N101	98	Entity Identifier Code	M ID 2/2

Code identifying an organizational entity, a physical location, or an individual

        28   Subcontractor

Use this code only if the solicitation included a Contract Security Classification Specification (DD Form 254) and the offeror is to provide the name and address of a subcontractor.

        31   Postal Mailing Address

Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party on N102 and the N2 segment, if necessary.

        61   Performed At

The facility where work was performed

Use to indicate the proposed place of performance when it is other than the offeror's mailing address.

        7N   Party to Receive Proposal

        AE   Additional Delivery Address

Use to indicate a ship in-place location.

        AG   Agent/Agency

Use this code to indicate the entity is responding on behalf of a company named in a previous iteration of

the N1 loop.

BY	Buying Party (Purchaser)
IC	Intermediate Consignee

When FOB02 is code IT, use to indicate a freight forwarder.

IS	Party to Receive Certified Inspection Report
K1	Contractor Cognizant Security Office

Use this code only if the solicitation included the Contract Security Classification Specification (DD Form 254) and the offeror is to provide the name and address of the contractor cognizant security office.

K2   Subcontractor Cognizant Security Office

Use this code only if the solicitation included a Contract Security Classification Specification (DD Form 254) and the offeror is to provide the name and address of the subcontractor cognizant security office.

K3   Place of Performance Cognizant Security Office

Use this code only if the solicitation included a Contract Security Classification Specification (DD Form 254) and the offeror is to provide the name and address of the place of performance cognizant security office.

KF   Audit Office

The office performing the audit

KG   Project Manager

The address of the person responsible for the management of a designated project
Use to indicate the party responsible for a project to include the advisor under a Grant.

KX   Free on Board Point

When FOB02 is code ZZ, use to indicate an FOB point other than at origin or destination.

KY   Technical Office

Use to indicate the technical office that has cognizance over the technical portion of a solicitation if it is intended for bidders to deal directly with this entity.

KZ   Acceptance Location

Use to indicate the acceptance location is proposed at other than origin or destination.

L1   Inspection Location

Place where the item was viewed or inspected

PW   Pick Up Address

RI   Remit To

Use to indicate the place to send remittance when it is different than the contractor's address, e.g., a bank, financial office location, etc.

SE   Selling Party

ST   Ship To

Use this code when a different delivery schedule associated with a named entity is being proposed. If the ship-to address is an FPO or APO, cite the FPO or APO zip code in N104 and cite code AR in N405.

			SV	Service Performance Site		

When services are contracted for, this describes the organization for whom or location address at which those services will be performed
Use to indicate the location where a service will be performed, e.g., grass cutting.

| | | | TQ | Third Party Reviewing Organization (TPO) | | |

Use to indicate the office for receipt of foreign disclosure sensitive information per DoD Directive 5230.25.

| | | | X2 | Party to Perform Packaging | | |

A party responsible for packaging an item after it has been produced

| | N102 | 93 | **Name** | | X AN | 1/35 |

Free-form name.

| | N103 | 66 | **Identification Code Qualifier** | | X ID | 1/2 |

Code designating the system/method of code structure used for Identification Code (67).

While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.

| | | | 1 | D-U-N-S Number, Dun & Bradstreet | | |

Use of the DUNS number is preferred over other codes to identify an entity. Use of this code is required when N101 is code SE.

| | | | 10 | Department of Defense Activity Address Code (DODAAC) | | |

Use to indicate a DoD or Civilian Agency Activity Address Code.

| | | | 33 | Commercial and Government Entity (CAGE) | | |

Use to indicate a commercial entity. If the commercial entity does not have a CAGE code, use code ZC.

| | | | A2 | Military Assistance Program Address Code (MAPAC) | | |

Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity

| | N104 | 67 | **Identification Code** | | X AN | 2/20 |

Code identifying a party or other code.

| X | N105 | 706 | **Entity Relationship Code** | | O ID | 2/2 |

Code describing entity relationship.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | N106 | 98 | **Entity Identifier Code** | | O ID | 2/2 |

Code identifying an organizational entity, a physical location, or an individual

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **N2** **Additional Name Information**
Position: 320
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length.
Notes: This segment is not necessary when the entity cited in N101 is described by a code in
             N103/N104.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	N201	93	Name	**M**	**AN**	**1/35**
			Free-form name.			
	N202	93	Name	**O**	**AN**	**1/35**
			Free-form name.			

Segment: **N3** Address Information
Position: 330
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party.
Notes: This segment is not necessary when the entity cited in N101 is described by a code in
              N103/N104.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	N301	166	Address Information	M	AN	1/35
			Address information			
	N302	166	Address Information	O	AN	1/35
			Address information			

Segment: **N4** Geographic Location

Position:	340
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party.
Notes:	This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes		
N401	19	City Name	O	AN	2/30
		Free-form text for city name.			
N402	156	State or Province Code	O	ID	2/2
		Code (Standard State/Province) as defined by appropriate government agency.			
N403	116	Postal Code	O	ID	3/11
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States).			
N404	26	Country Code	O	ID	2/3
		Code identifying the country.			
N405	309	Location Qualifier	X	ID	1/2
		Code identifying type of location.			
		AR Armed Services Location Designation			
		Use to indicate an Army Post Office (APO) or Fleet Post Office (FPO).			
N406	310	Location Identifier	O	AN	1/30
		Code which identifies a specific location.			

Segment: **REF** Reference Numbers

Position:	350
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers.
Notes:	Use of this segment is required in all quotes and amendments to quotes when N101 is code SE to identify the personal identification number of the quoting party.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	REF01	128	Reference Number Qualifier	M	ID	2/2

Code qualifying the Reference Number.

EL	Electronic device pin number

Use to indicate the identification number assigned to the contractor at the time of registration. Use of this code is REQUIRED.

ZF	Contractor Establishment Code (CEC)

Government identifier to designate a contractor; it is nine characters, eight numeric and a final alpha
Use only when N101 is code SE.

	Ref. Des.	Data Element	Name	Attributes		
	REF02	127	Reference Number	X	AN	1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	Ref. Des.	Data Element	Name	Attributes		
X	REF03	352	Description	X	AN	1/80

A free-form description to clarify the related data elements and their content.

Segment:	**PER** Administrative Communications Contact
Position:	360
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To identify a person or office to whom administrative communications should be directed.
Notes:	1. Use this segment to provide the names and titles of individuals associated with the entity cited in the same N1 loop.
	2. When BQR01 is code 00 and N1 is code SE, this segment is REQUIRED.
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.
	2 If either PER05 or PER06 is present, then the other is required.
	3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	PER01	366	Contact Function Code	M ID 2/2

Code identifying the major duty or responsibility of the person or group named.

Use to identify various individuals within the offeror's organization.

AA	Authorized Representative

Use to indicate the person authorized by the offeror to contractually and legally bind the entity.

AF	Authorized Financial Contact

Use to identify the individual in the offeror's company who is responsible for cost and price data.

BD	Buyer Name or Department
CE	Certifier
IC	Information Contact
KA	Authorized Negotiator
ME	Manufacturing

Use to indicate the manufacturing point of contact.

PP	Program Manager
SI	Investigator

Use this code for research and development type of work to indicate who the principal investigator is for your company.

SU	Supplier Contact

Use to indicate a contact within the offeror's organization.

	Ref. Des.	Data Element	Name	Attributes
>>	PER02	93	Name	O AN 1/35

Free-form name.

Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for the first name. If necessary, use PER09 to cite the party's title.

	Ref. Des.	Data Element	Name	Attributes
>>	PER03	365	Communication Number Qualifier	X ID 2/2

Code identifying the type of communication number.

	AU	Defense Switched Network

Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

	EM	Electronic Mail
	FX	Facsimile
	IT	International Telephone

Include the country code.

| | TE | Telephone |

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

>> **PER04**   364   **Communication Number**   **X   AN   1/80**

Complete communications number including country or area code when applicable.

PER05   365   **Communication Number Qualifier**   **X   ID   2/2**

Code identifying the type of communication number.

Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 could cite a FAX number.

| | AU | Defense Switched Network |

Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

| | EM | Electronic Mail |
| | EX | Telephone Extension |

Use, if applicable, to provide an extension number when PER03 is code TE.

| | FX | Facsimile |
| | IT | International Telephone |

Include the country code.

| | TE | Telephone |

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER06   364   **Communication Number**   **X   AN   1/80**

Complete communications number including country or area code when applicable.

PER07   365   **Communication Number Qualifier**   **X   ID   2/2**

Code identifying the type of communication number.

Use to identify a third communications number for the party cited in PER02.

| | AU | Defense Switched Network |

Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

	EM	Electronic Mail
	FX	Facsimile
	IT	International Telephone

Include the country code.

| | TE | Telephone |

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER08	364	**Communication Number**	X	AN	1/80

Complete communications number including country or area code when applicable.

PER09	443	**Contact Inquiry Reference**	O	AN	1/20

Additional reference number or description to clarify a contact number.

1. Use, if necessary, to provide the title of the individual cited in PER02.

2. This data element is REQUIRED when PER01 is code AA, CE, or KA.

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 390
Loop: N1
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify the carrier, sequence of routing and to provide transit time information.
Notes: 1. Use this 1/TD5/390 segment when the transportation method is the same for all of the line items being shipped to a named entity. If the transportation method varies by line item, use the 2/TD5/250 segment or the 2/TD5/500 segment when the information is applicable to a named entity.

2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes:
1   At least one of TD502 TD504 TD505 TD506 or TD512 is required.
2   If TD502 is present, then TD503 is required.
3   If TD507 is present, then TD508 is required.
4   If TD510 is present, then TD511 is required.

Semantic Notes:
Comments:
1   When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement: use TD502 to identify the party responsible for defining the routing sequence; use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
X	TD501	133	Routing Sequence Code	O	ID	1/2
			Code describing the relationship of a carrier to a specific shipment movement.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD502	66	Identification Code Qualifier	X	ID	1/2
			Code designating the system/method of code structure used for Identification Code (67).			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD503	67	Identification Code	X	AN	2/20
			Code identifying a party or other code.			
	TD504	91	Transportation Method/Type Code	X	ID	1/2
			Code specifying the method or type of transportation for the shipment.			
			1. Use any code.			
			2. An application program conversion table may be required to convert agency codes to X12 codes.			
			D Parcel Post			
			Use to indicate the US Postal Service and not a private carrier.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD505	387	Routing	X	AN	1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.			
X	TD506	368	Shipment/Order Status Code	X	ID	2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction.			

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | TD507 | 309 | **Location Qualifier** | O | ID | 1/2 |

Code identifying type of location.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | TD508 | 310 | **Location Identifier** | X | AN | 1/30 |

Code which identifies a specific location.

| X | TD509 | 731 | **Transit Direction Code** | O | ID | 2/2 |

The point of origin and point of direction.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | TD510 | 732 | **Transit Time Direction Qualifier** | O | ID | 2/2 |

Code specifying the value of time used to measure the transit time.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | TD511 | 733 | **Transit Time** | X | R | 1/4 |

The numeric amount of transit time.

| | TD512 | 284 | **Service Level Code** | X | ID | 2/2 |

Code defining service

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**TD4** Carrier Details (Special Handling or Hazardous Materials or Both)
Position:	410
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	5
Purpose:	To specify transportation special handling requirements or hazardous materials information or both.
Notes:	1. Use this 1/TD4/410 segment to identify special handling or hazardous material information that is the same for all of the line items applicable to a named entity. If this information varies by line item, use the 2/TD4/270 segment or the 2/TD4/520 segment if the information is applicable to a named entity.
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.
Syntax Notes:	1 At least one of TD401 TD402 or TD404 is required.
	2 If TD402 is present, then TD403 is required.
Semantic Notes:	
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
TD401	152	Special Handling Code	X	ID	2/3

Code specifying special transportation handling instructions.

Any code may be used but the listed codes are preferred.

AMM A.M. Delivery Requirement
DA   Dangerous
EX   Explosive Flammable Gas
FG   Flammable Gas
FL   Flammable
FP   Flammable Poison Gas
HM   Endorsed as Hazardous Material
LT   Less Than Full Carload
LTT   Less Than Truckload
PG   Poisonous Gas
PMM P.M. Delivery Requirement
Refer to 003050 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes		
TD402	208	Hazardous Material Code Qualifier	X	ID	1/1

Code which qualifies the Hazardous Material Class Code (209).

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes		
TD403	209	Hazardous Material Class Code	X	AN	2/4

Code specifying the kind of hazard for a material.

Ref. Des.	Data Element	Name	Attributes		
TD404	352	Description	X	AN	1/80

A free-form description to clarify the related data elements and their content.

Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**PKG** Marking, Packaging, Loading
Position:	420
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	25
Purpose:	To describe marking, packaging, loading and unloading requirements.
Notes:	1. Use this 1/PKG/420 segment when the packaging requirements are the same for all the line items to be delivered to a named entity. If the packaging requirements vary by line item, use the 2/PKG/080 segment or the 2/PKG/530 segment if the packaging requirements are applicable to a named entity.
	2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.
	3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.
Syntax Notes:	1 At least one of PKG04 PKG05 or PKG06 is required.
	2 If PKG04 is present, then PKG03 is required.
	3 If PKG05 is present, then PKG01 is required.
Semantic Notes:	1 PKG04 should be used for industry-specific packaging description codes.
Comments:	1 Use MEA (Measurements) segment to define dimensions, tolerances weights, counts, physical restrictions, etc.
	2 If PKG01 = ``F'', then PKG05 is used. If PKG01 = ``S'', then PKG04 is used. If PKG01 = ``X'', then both PKG04 and PKG05 are used.
	3 Use PKG03 to indicate the organization that publishes the code list being referred to.
	4 Special marking or tagging data can be given in PKG05 (Description).

Data Element Summary

Ref. Des.	Data Element	Name		Attributes		
PKG01	349	Item Description Type		X	ID	1/1
		Code indicating the format of a description.				
		F	Free-form			
		S	Structured (From Industry Code List)			
		X	Semi-structured (Code and Text)			
PKG02	753	Packaging Characteristic Code		O	ID	1/5
		Code specifying the marking, packaging, loading and related characteristics being described.				
		Use the listed codes to identify the applicable packaging requirements.				
		CD	Cleaning or Drying Procedure			
		CT	Cushioning Thickness			
		CUD	Cushioning and Dunnage			
		HM	Hazardous Material			
		IC	Intermediate Container			
		LP	Level Of Preservation			
		OPI	Optional Procedure Indicator			
		PK	Packing			
			When the packing code associated with this Packaging			

Characteristic Code is a three position code; the first position signifies Level A packing for overseas shipments via surface; the second position signifies Level B packing for overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is being proposed, cite MIL-STD 2073-2C code X in PKG04.

PM	Preservation Method	
PML	Preservation Material	
SMK	Special Marking	
UC	Unit Container	
UCL	Unit Container Level	
WM	Wrapping Material	

PKG03   559   **Agency Qualifier Code**   X   ID   2/2

Code identifying the agency assigning the code values.

DF   Department of Defense (DoD)

GS   General Services Administration (GSA)

Responsible for Federal Specification

ZZ   Mutually Defined

Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12 requesting a code for Federal Government. If approved, we expect the code will be available for use in ASC X12 Version/Release 3060.

PKG04   754   **Packaging Description Code**   X   AN   1/7

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product.

The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD-2073-2C).

PKG05   352   **Description**   X   AN   1/80

A free-form description to clarify the related data elements and their content.

1. When PKG04 carries a code indicating that the item will be packed differently than required in the solicitation, use to provide an explanation.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

X   **PKG06**   400   **Unit Load Option Code**   X   ID   2/2

Code identifying loading or unloading a shipment

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **PO1** Baseline Item Data

Position:	010
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic and most frequently used line item data.
Notes:	1. If the quote is for the exact item and quantity as specified in the solicitation, PO101, PO104, and PO105 if one of the listed codes is cited, is all that is required. Other data elements may be used, as necessary, to provide any additional information the offeror feels is essential to the quote.
	2. When BQR06 is code AB, PO106 is REQUIRED using codes FS, MF, MG, PW or ZB, as necessary, to adequately describe the item and provide information regarding the item, manufacturer and design control source.

Syntax Notes:
1. If PO103 is present, then PO102 is required.
2. If PO105 is present, then PO104 is required.
3. If either PO106 or PO107 is present, then the other is required.
4. If either PO108 or PO109 is present, then the other is required.
5. If either PO110 or PO111 is present, then the other is required.
6. If either PO112 or PO113 is present, then the other is required.
7. If either PO114 or PO115 is present, then the other is required.
8. If either PO116 or PO117 is present, then the other is required.
9. If either PO118 or PO119 is present, then the other is required.
10. If either PO120 or PO121 is present, then the other is required.
11. If either PO122 or PO123 is present, then the other is required.
12. If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Comments:
1. See the Data Dictionary for a complete list of ID's.
2. PO101 is the line item identification
3. PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PO101	350	Assigned Identification	O	AN	1/11

Alphanumeric characters assigned for differentiation within a transaction set.

To identify the item being quoted or to which changes are being proposed, this data element must contain whatever numeric or alpha characters that were provided in the solicitation.

PO102	330	Quantity Ordered	X	R	1/9

Quantity ordered.

Use to identify the quantity being quoted only if the quantity differs from the solicited quantity. Use the PO3 segment to explain.

PO103	355	Unit or Basis for Measurement Code	O	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

SX Shipment
Use when PO101 is a CLIN for transportation charges.

ZZ Mutually Defines
Use to indicate a Task or Job.
Refer to 003050 Data Element Dictionary for acceptable code values.

PO104   212   Unit Price   **X   R   1/17**

Price per unit of product, service, commodity, etc.

1. Cite the unit price for the line item except when PO105 is code PQ. In that instance, cite the total price for the line item.

2. If a discount is applicable to the line item, cite the discounted price.

3. When PO105 is either code NC or NS, enter the number 0.

PO105   639   Basis of Unit Price Code   **O   ID   2/2**

Code identifying the type of unit price for an item.

Use only if necessary to provide the basis of the quoted price.

CA	Catalog	
ES	Estimated	
FB	Fabrication Cost	

Use to indicate the price includes the incorporation of GFE, GFM, or GFP.

KA	Price with Government Furnished Property

Use to indicate the price of the items includes the use of GFP, GFE, or GFM to manufacture the item.

NC	No Charge

Use to indicate this is a no cost item.

NE	Not to Exceed
NS	Not Separately Priced

Use to indicate the item is not separately priced but is included in the price of the item to which it pertains.

PQ	Posted

Use to indicate the price cited in PO104 is a total price for the line item rather than a unit price.

TB	To be negotiated.

PO106   235   Product/Service ID Qualifier   **X   ID   2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234).
1. PO106 through PO125 are used in pairs. For example, PO106 contains a qualifier code and PO107 contains the data related to the code.

2. If an equal or substitute items is being quoted, as a minimum, include the National Stock Number, the Manufacturer's Part Number (to indicate who has design control) and Manufacturer (if other than the bidder). In addition, provide the address of the entity who controls the design or who is manufacturing the item in the 2/N1/420 loop.

3. Any code may be used but the listed codes are preferred.

A8 Exhibit Line Item Number

AK Refined Product Code
CG Commodity Grouping
Use to indicate a commodity code.
CH Country of Origin Code
CL Color
CN Commodity Name
FS National Stock Number
Use of this code is required when BQR06 is code AB and the alternate or
substitute item has an NSN. The NSN shall be transmitted without dashes.
FT Federal Supply Classification
See ASC X12 Code Source List 27 for the FSCs associated with this code.
KF Item Type Number
LT Lot Number
N1 National Drug Code in 4-4-2 Format
N2 National Drug Code in 5-3-2 Format
N3 National Drug Code in 5-4-1 Format
N4 National Drug Code in 5-4-2 Format
ND National Drug Code (NDC)
MF Manufacturer
When an alternate product is offered, use to indicate the manufacturer of the
item if other than the quoting party. When used, cite the DUNS number of the
manufacturer in the following 234 data element.
MG Manufacturer's Part Number
Use of this code is required if BQR06 is code AB and the alternate or substitute
item does not have an NSN. When used, a second 235/234 pair must be used
citing either code MF or ZB in data element 235.
MN Model Number
PD Part Number Description
Use to indicate a clear text description of an item that cannot be identified by a
number, e.g., transportation.
PN Company Part Number
PU Part Reference Number
Use to indicate a part number assigned by an industry (not related to a specific
manufacturer). Do not use for National Drug Codes.
PW Part Drawing
Use of this code is required when BQR06 is code AB.
SN Serial Number
SR Substitute Product Number
SW Stock Number
Use to indicate a local stock number
SZ Vendor Alphanumeric Size Code (NRMA)
Use to indicate the size of an item.
UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)
VP Vendor's (Seller's) Part Number
Use to indicate a part number assigned by a selling party other than the
manufacturer.
ZB Commercial and Government Entity (CAGE) Code
When an alternate product is offered, use to indicate the manufacturer of an
item if other than the quoting party. Use of this code or code MF is required
when an alternate product is offered.
Refer to 003050 Data Element Dictionary for acceptable code values.

PO107	234	**Product/Service ID**	X	AN	1/40
		Identifying number for a product or service.			
PO108	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
Refer to 003050 Data Element Dictionary for acceptable code values.

PO109	**234**	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service.

PO110	**235**	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
Refer to 003050 Data Element Dictionary for acceptable code values.

PO111	**234**	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service.

PO112	**235**	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
Refer to 003050 Data Element Dictionary for acceptable code values.

PO113	**234**	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service.

PO114	**235**	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
Refer to 003050 Data Element Dictionary for acceptable code values.

PO115	**234**	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service.

PO116	**235**	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
Refer to 003050 Data Element Dictionary for acceptable code values.

PO117	**234**	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service.

PO118	**235**	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
Refer to 003050 Data Element Dictionary for acceptable code values.

PO119	**234**	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service.

PO120	**235**	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
Refer to 003050 Data Element Dictionary for acceptable code values.

PO121	**234**	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service.

PO122	**235**	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234).
Refer to 003050 Data Element Dictionary for acceptable code values.

PO123	**234**	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service.

PO124	**235**	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in

Product/Service ID (234).
Refer to 003050 Data Element Dictionary for acceptable code values.

PO125   234   **Product/Service ID**   X   AN   1/40
Identifying number for a product or service.

Segment: **PO3** Additional Item Detail
Position: 030
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To specify additional item related data involving variations in normal price/quantity structure.
Notes: Use this 2/PO3/030 segment, as necessary, to identify additional information regarding the item being quoted in the PO1 segment.
Syntax Notes: 1   If PO304 is present, then at least one of PO303 or PO305 is required.
Semantic Notes:
Comments: 1   Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).
            2   PO307 defines the unit of measure for PO306.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> PO301	371	Change Reason Code	M	ID	2/2

Code specifying the reason for price or quantity change.

1. Use to provide an explanation if the quantity or unit of measure being quoted is different than in the solicitation.

2. Use also to provide the alternate quantity and unit of measure being quoted if one was identified in the solicitation.

AQ	Alternate Quantity and Unit of Measure	

Use to indicate that an item has an alternate quantity and unit of measure (e.g., POC03/POC05 would cite 10,000 LB and PO306/07 could cite 10 SH. Both quantities and units of measure are applicable to the item being purchased - steel plates).

EV   Estimated Quantity

Use to indicate the quantity quoted in PO102 is an estimate.

MC   Pack/Size Measure Difference

MP   Minimum Order

Use to indicate that a minimum order (either price or quantity) is being quoted.

PC   Pack Difference

QH   Quantity on Hand

QT   Quantity Price Break

Use to indicate the quantity quoted, if different than solicited, represents a price break for the buying party.

SC   Size Difference

UM   Unit of Measure Difference

X PO302	373	Date	O	DT	6/6

Date (YYMMDD).

PO303	236	Price Identifier Code	X	ID	3/3

Code identifying pricing specification.

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

| | PO304 | 212 | **Unit Price** | O | R | 1/17 |

Price per unit of product, service, commodity, etc.

| | PO305 | 639 | **Basis of Unit Price Code** | X | ID | 2/2 |

Code identifying the type of unit price for an item.

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

| >> | PO306 | 380 | **Quantity** | M | R | 1/15 |

Numeric value of quantity.

Due to the mandatory nature of this data element, when PO301 is code EV, MC, MP, PC, QH, QT, SC, or UM, repeat the quantity cited in PO102.

| >> | PO307 | 355 | **Unit or Basis for Measurement Code** | M | ID | 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. Due to the mandatory nature of this data element, when PO301 is code EV, MC, MP, PC, QH, QT, SC, or UM, repeat the unit of measure cited in PO103.

3. An application program conversion table may be required to convert agency codes to X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | PO308 | 352 | **Description** | O | AN | 1/80 |

A free-form description to clarify the related data elements and their content.

Segment:	**CTP** Pricing Information	
Position:	040	
Loop:	PO1	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify pricing information.	
Notes:	1. Use this segment to provide pricing information requested in the solicitation or to provide additional prices related to the line item, e.g., prepaid transportation charges.	

2. Example of step ladder quantity prices for quantities 1-10, 11-20, 21-30, and 31-50:

```
CTP**PBQ**1*EA n/l
CTP**ICL*25.00*10*EA n/l
CTP**ICL*24.50*20*EA n/l
CTP**ICL*23.50*30*EA n/l
CTP**MAX*22.00*50*EA n/l
```

Syntax Notes:	1	If either CTP04 or CTP05 is present, then the other is required.
	2	If CTP06 is present, then CTP07 is required.
	3	If CTP09 is present, then CTP02 is required.
	4	If CTP10 is present, then CTP02 is required.
Semantic Notes:	1	CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
	2	CTP08 is the rebate amount.
Comments:	1	See Figures Appendix for an example detailing the use of CTP03 and CTP04. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
X	CTP01	687	Class of Trade Code	O	ID	2/2
			Code indicating class of trade.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	CTP02	236	Price Identifier Code	X	ID	3/3
			Code identifying pricing specification.			
			Any code may be used to provide information regarding the pricing of an item.			

ALT Alternate Price
Use to indicate a lease-to-purchase price. A request has been submitted to ASC X12 to add a code for Lease-to-Purchase Price. If approved, we expect the code will be available for use in the ASC X12 Version/Release 3060

CAT Catalog Price
Use to indicate catalog price if PO104 is not the quoting party's catalog price and the solicitation requested the bidder to identify the catalog price.

ICL Unit Price Through Quantity
When providing prices for different quantities, use to indicate the end of a quantity range.

MAX Maximum Order Quantity Price
When providing prices for different quantities, use to indicate the quantity

above which the price will not change.

PAP Protection Level Price
Use to indicate the price for the packaging protection level cited in CTP10.

PAQ Price Break Quantity(s)
Use to provide the price break quantities as requested in the solicitation.

PBQ Unit Price Beginning Quantity
When providing prices for different quantities, use to indicate the beginning of a quantity range.

PPA Packing Level Price
Use to provide the price for the packing level cited in CTP10.

PUR Purchase
Use to indicate the price when it is less costly to replace than to repair.

ZNP Zone Price Code
Use to indicate the price for delivery to the zone cited in CTP10.
Refer to 003050 Data Element Dictionary for acceptable code values.

	CTP03	212	**Unit Price**	O	R	1/17
			Price per unit of product, service, commodity, etc.			
	CTP04	380	**Quantity**	X	R	1/15
			Numeric value of quantity.			
	CTP05	355	**Unit or Basis for Measurement Code**	X	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.
Refer to 003050 Data Element Dictionary for acceptable code values.

X	**CTP06**	648	**Price Multiplier Qualifier**	O	ID	3/3
			Code indicating the type of price multiplier.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	**CTP07**	649	**Multiplier**	X	R	1/10
			Value to be used as a multiplier to obtain a new value			
X	**CTP08**	782	**Monetary Amount**	O	R	1/15
			Monetary amount.			
X	**CTP09**	639	**Basis of Unit Price Code**	O	ID	2/2
			Code identifying the type of unit price for an item.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	CTP10	499	**Condition Value**	O	AN	1/10
			Identifies rate restrictions or provisions			

When CTP02 is code PAP, PPA, or ZNP, cite the applicable protection level, packing level or zone to which the price in CTP03 applies.

Segment:	**MEA** Measurements
Position:	049
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	40
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights. (See Figures Appendix for example of use of C001.)
Notes:	1. Use this 2/MEA/049 segment to provide information that applies to a specific line item. Use the 1/MEA/200 segment to provide information that applies to all of the line items.

2. This segment can be used to specify the variations in quantity permitted; and for a requirements or an indefinite quantity type procurement instrument, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, and the minimum and maximum obligations of the government and the contractor.

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes:	1	At least one of MEA03 MEA05 MEA06 or MEA08 is required.
	2	If MEA05 is present, then MEA04 is required.
	3	If MEA06 is present, then MEA04 is required.
	4	If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
	5	Only one of MEA08 or MEA03 may be present.
Semantic Notes:	1	MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	1	When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
MEA01	737	**Measurement Reference ID Code**	O ID 2/2

Code identifying the broad category to which a measurement applies

Use any code.

BT Batch Limits
Use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under a requirements or indefinite quantity type award instrument, a task order or a delivery order depending on the code cited in BQT06 of the 840 solicitation. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

CT Counts
Use to indicate variations in quantity when it is expressed as a discrete quantity. Specify the quantity under and/or over in MEA05/06.

DE Defects
Use to indicate a warranty period.

LT Lot Limits
Use to indicate the minimum and maximum limits of the contractor's obligation

either in terms of dollars or quantity to deliver under a requirements or an indefinite quantity type award instrument. Do not use for a purchase order or delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

OL Order Limits
Use to indicate the maximum that the government may order from a requirements or an indefinite quantity type award instrument in a specified time period. Do not use for a purchase order or delivery order. Use MEA03 to identify the quantity, MEA04-C00101 to identify the unit of measure, and MEA04-C00104 to identify the time period.

PM Permitted
Use to indicate the minimum and maximum quantity or dollars that are permitted per order against a requirements or an indefinite quantity type award instrument. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.
Refer to 003050 Data Element Dictionary for acceptable code values.

MEA02	**738**	**Measurement Qualifier**	**O**	**ID**	**1/3**

Code identifying a specific product or process characteristic to which a measurement applies
Use any code.

MX Maximum
When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified period of time.

PO Percent of Order (-, +)
Use to indicate the variation of quantity permitted when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.

RY Ratio
Use to indicate the proposed share ratio for an incentive or cost sharing contract. Identify the proposed Government share in MEA05 and the proposed contractor share in MEA06.

TT Time
Use to indicate the length of a warranty period. Specify the number of days, weeks, months or years in MEA03 and the time period in MEA04-C00101.
Refer to 003050 Data Element Dictionary for acceptable code values.

MEA03	**739**	**Measurement Value**	**X**	**R**	**1/20**

The value of the measurement.

MEA04	**C001**	**Composite Unit of Measure**	**X**

To identify a composite unit of measure (See Figures Appendix for examples of use.)
1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a requirements or an indefinite quantity type award instrument.

2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite code MX, MEA03 would cite 10,000, MEA04-C00101 would cite code EA and MEA04-C00104 would cite code Q1.

>>	C00101	355	**Unit or Basis for Measurement Code**	M	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.
Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00102	1018	**Exponent**	O	R	1/15

Power to which a unit is raised.

X	C00103	649	**Multiplier**	O	R	1/10

Value to be used as a multiplier to obtain a new value

	C00104	355	**Unit or Basis for Measurement Code**	O	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.
Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00105	1018	**Exponent**	O	R	1/15

Power to which a unit is raised.

X	C00106	649	**Multiplier**	O	R	1/10

Value to be used as a multiplier to obtain a new value

X	C00107	355	**Unit or Basis for Measurement Code**	O	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00108	1018	**Exponent**	O	R	1/15

Power to which a unit is raised.

X	C00109	649	**Multiplier**	O	R	1/10

Value to be used as a multiplier to obtain a new value

X	C00110	355	**Unit or Basis for Measurement Code**	O	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00111	1018	**Exponent**	O	R	1/15

Power to which a unit is raised.

X	C00112	649	**Multiplier**	O	R	1/10

Value to be used as a multiplier to obtain a new value

X	C00113	355	**Unit or Basis for Measurement Code**	O	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00114	1018	**Exponent**	O	R	1/15

Power to which a unit is raised.

X	C00115	649	**Multiplier**	O	R	1/10

Value to be used as a multiplier to obtain a new value

	MEA05	740	**Range Minimum**	X	R	1/20

The value specifying the minimum of the measurement range.

1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity under.

2. When MEA02 is RY, use to specify the proposed Government share.

3. When MEA01 is code BT, LT, or PM, use to specify the minimum amount or quantity.

4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

| | MEA06 | 741 | **Range Maximum** | X | R | 1/20 |

The value specifying the maximum of the measurement range.

1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity over.

2. When MEA02 is RY, use to specify the proposed contractor share.

3. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity.

4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

| X | MEA07 | 935 | **Measurement Significance Code** | O | ID | 2/2 |

Code used to benchmark, qualify or further define a measurement value.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | MEA08 | 936 | **Measurement Attribute Code** | X | ID | 2/2 |

Code used to express an attribute response when a numeric measurement value cannot be determined.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | MEA09 | 752 | **Surface/Layer/Position Code** | O | ID | 2/2 |

Code indicating the product surface, layer or position that is being described.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | MEA10 | 1373 | **Measurement Method or Device** | X | ID | 2/4 |

The method or device used to record the measurement

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **PID** Product/Item Description
Position: 050
Loop: PID
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format.
Notes: Use this segment ONLY if it is necessary to further describe a line item specified in PO101.
Syntax Notes:
1 If PID04 is present, then PID03 is required.
2 At least one of PID04 or PID05 is required.
3 If PID07 is present, then PID03 is required.
4 If PID08 is present, then PID03 is required.
Semantic Notes:
1 Use PID03 to indicate the organization that publishes the code list being referred to.
2 PID04 should be used for industry-specific product description codes.
3 PID08 describes the physical characteristics of the product identified in PID04. A ``Y'' indicates that the specified attribute applies to this item. A ``N'' indicates it does not apply. Any other value is indeterminate.
Comments:
1 If PID01 = ``F'', then PID05 is used. If PID01 = ``S'', then PID04 is used. If PID01 = ``X'', then both PID04 and PID05 are used.
2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3 PID07 specifies the individual code list of the agency specified in PID03.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes		
>> PID01	349	Item Description Type		M	ID	1/1
		Code indicating the format of a description.				
		F	Free-form			
		S	Structured (From Industry Code List)			
		X	Semi-structured (Code and Text)			
PID02	750	Product/Process Characteristic Code		O	ID	2/3
		Code identifying the general class of a product or process characteristic				
		MAC	Material Classification			
			Class of material, e.g., prime, secondary, etc.			
			Use to indicate the item cited in the same PO1 loop is a surplus item.			
PID03	559	Agency Qualifier Code		X	ID	2/2
		Code identifying the agency assigning the code values.				
		ZZ	Mutually Defined			
			Use to indicate the Federal Government. A request has been submitted to ASC X12 to add a code for Federal Government. If approved, we expect the code will be available for use in the ASC X12 Version/Release 3060.			
PID04	751	Product Description Code		X	AN	1/12
		A code from an industry code list which provides specific data about a product characteristic.				
		When PID02 is code MAC, cite the classification of the item using the following: Cite the letter "N" for new/unused, cite the letter "R" for new/reconditioned, cite the letter "M" for new/modified, or cite the letter "O"				

for used/overhauled.

| | PID05 | 352 | **Description** | **X** | **AN** | **1/80** |

A free-form description to clarify the related data elements and their content.

1. Use, only if necessary, to provide additional information applicable to a line item.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

| X | PID06 | 752 | **Surface/Layer/Position Code** | **O** | **ID** | **2/2** |

Code indicating the product surface, layer or position that is being described.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | PID07 | 822 | **Source Subqualifier** | **O** | **AN** | **1/15** |

A reference that indicates the table or text maintained by the Source Qualifier.

| X | PID08 | 1073 | **Yes/No Condition or Response Code** | **O** | **ID** | **1/1** |

Code indicating a Yes or No condition or response.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **PWK** Paperwork
Position: 070
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To identify the type and transmission of paperwork or supporting information
Notes: 1. Use this 2/PWK/070 segment to provide paperwork information that applies to a specific line item. Use the 1/PWK/210 segment to specify paperwork that is applicable to all of the line items.

2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes: 1   If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:
Comments: 1   PWK05 and PWK06 may be used to identify the addressee by a code number.
2   PWK07 may be used to indicate special information to be shown on the specified report.
3   PWK08 may be used to indicate action pertaining to a report.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> PWK01	755	Report Type Code	M ID 2/2

Code indicating the title or contents of a document, report or supporting item

Use to identify the type of paperwork the offeror is providing.

25	Purchase Plan

Use to indicate a make or buy plan.

35	Subcontractor Plan
AE	Attachment

Use to indicate some additional type document is being provided by means other than within the transaction set. Specify the nature of the document in PWK07.

C1	Cost Data Summary

Use to indicate non-certified cost and price data.

C5	Certified Cost and Price Data
C6	Wage Determination

Use to indicate a Department of Labor Wage Determination.

DW	Drawing(s)
IT	Certified Inspection and Test Results

Use to indicate test results for a QBL, QML, or QPL item.

MS	Material Safety Data Sheet
PJ	Purchasing Specification

Specifications, generated by a customer, setting acceptance limits on the properties or performance of the product being purchased; purchasing specifications may additionally supply instructions for packaging, transportation, delivery, and payments
Use to indicate a Statement of Work.

			SD	Support Data for a Request for Quote			

Use to indicate that supporting technical documentation, e.g., technical proposal, etc. are being provided. Use of this code is required when BQR06 is code AB.

| | | | TO | Demand Report |

Use to indicate a Contract Data Requirement List (CDRL) deliverable.

| | | | UA | Union Agreement |
| | | | US | "BUY AMERICA" Certification of Compliance |

| | PWK02 | 756 | **Report Transmission Code** | | **O** | **ID** | **1/2** |

Code defining timing, transmission method or format by which reports are to be sent

| | | | BE | By Mail and Electronically |

Use to indicate E-Mail

			BM	By Mail
			CF	Courier
			EL	Electronically Only

Use to indicate Electronic Data Interchange (EDI)

| | | | FX | By Fax |

| X | PWK03 | 757 | **Report Copies Needed** | | **O** | **N0** | **1/2** |

The number of copies of a report that should be sent to the addressee.

| | PWK04 | 98 | **Entity Identifier Code** | | **O** | **ID** | **2/2** |

Code identifying an organizational entity, a physical location, or an individual

Use to identify the party to whom the paperwork identified in PWK01 was sent. If there is more than one recipient of the same paperwork item, use multiple repetitions of the PWK segment with the same report code in PWK01. Provide the address of the recipient in either the 1/N1/310 or 2/N1/420 segment and/or the communications number of the recipient in either the 1/PER/360 or 2/PER/470 segment.

| | | | BY | Buying Party (Purchaser) |

Use to indicate the contracting officer.

| | | | IS | Party to Receive Certified Inspection Report |

Use when PWK01 is code IT.

| | | | KF | Audit Office |

The office performing the audit

| | | | KG | Project Manager |

The address of the person responsible for the management of a designated project
Use to indicate the party responsible for a project to include the Advisor under a Grant.

| | | | KY | Technical Office |

| X | PWK05 | 66 | **Identification Code Qualifier** | | **X** | **ID** | **1/2** |

Code designating the system/method of code structure used for Identification Code (67).

| X | PWK06 | 67 | **Identification Code** | | **X** | **AN** | **2/20** |

Code identifying a party or other code.

| | PWK07 | 352 | **Description** | | **O** | **AN** | **1/80** |

A free-form description to clarify the related data elements and their content.

1. Use, only if necessary, to identify additional information related to a specific

paperwork item.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

	PWK08	C002	**Actions Indicated**		**O**		

Actions to be performed on the piece of paperwork identified

>>	C00201	704	**Paperwork/Report Action Code**	**M**	**ID**	**1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. *Use to indicate the specified paperwork will be or is being provided by the offeror.*

PV	Provided

X	C00202	704	**Paperwork/Report Action Code**	**O**	**ID**	**1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00203	704	**Paperwork/Report Action Code**	**O**	**ID**	**1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00204	704	**Paperwork/Report Action Code**	**O**	**ID**	**1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00205	704	**Paperwork/Report Action Code**	**O**	**ID**	**1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required. Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **PKG** Marking, Packaging, Loading
Position: 080
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To describe marking, packaging, loading and unloading requirements.
Notes: 1. Use this 2/PKG/080 segment if the packaging requirements apply to a specific line item. Use the 2/PKG/530 segment if the packaging requirements apply to a named entity.

2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes:
1   At least one of PKG04 PKG05 or PKG06 is required.
2   If PKG04 is present, then PKG03 is required.
3   If PKG05 is present, then PKG01 is required.

Semantic Notes:
1   PKG04 should be used for industry-specific packaging description codes.

Comments:
1   Use MEA (Measurements) segment to define dimensions, tolerances weights, counts, physical restrictions, etc.
2   If PKG01 = ``F'', then PKG05 is used. If PKG01 = ``S'', then PKG04 is used. If PKG01 = ``X'', then both PKG04 and PKG05 are used.
3   Use PKG03 to indicate the organization that publishes the code list being referred to.
4   Special marking or tagging data can be given in PKG05 (Description).

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PKG01	349	Item Description Type	X	ID	1/1
		Code indicating the format of a description.			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
PKG02	753	Packaging Characteristic Code	O	ID	1/5

Code specifying the marking, packaging, loading and related characteristics being described.
Use the listed codes to identify applicable packaging requirements.

CD	Cleaning or Drying Procedure
CT	Cushioning Thickness
CUD	Cushioning and Dunnage
HM	Hazardous Material
IC	Intermediate Container
LP	Level Of Preservation
OPI	Optional Procedure Indicator
PK	Packing

When the packing code associated with this Packaging Characteristic Code is a three position code; the first position signifies Level A packing for overseas shipments via surface; the second position signifies Level B packing for overseas shipments via freight

forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is being proposed, cite MIL-STD 2073-2C code X in PKG04.

PM	Preservation Method
PML	Preservation Material
SMK	Special Marking
UC	Unit Container
UCL	Unit Container Level
WM	Wrapping Material

PKG03   559   **Agency Qualifier Code**   X   ID   2/2

Code identifying the agency assigning the code values.

DF	Department of Defense (DoD)
GS	General Services Administration (GSA) Responsible for Federal Specification
ZZ	Mutually Defined

Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12 requesting a code for Federal Government. If approved, we expect the code will be available for use in ASC X12 Version/Release 3060.

PKG04   754   **Packaging Description Code**   X   AN   1/7

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product.
The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD-2073-2C).

PKG05   352   **Description**   X   AN   1/80

A free-form description to clarify the related data elements and their content.

1. When PKG04 carries a code indicating that the item will be packed differently than required in the solicitation, use to provide an explanation.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

X   **PKG06**   400   **Unit Load Option Code**   X   ID   2/2

Code identifying loading or unloading a shipment
Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **PO4** Item Physical Details
Position: 090
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify the physical qualities, packaging, weights and dimensions relating to the item.
Notes: 1. Use this segment to specify the weight, cube or dimensions of the unit or intermediate pack; the unit pack quantity or intermediate container quantity; to indicate palletized loads or shrink wrap. To specify the unit pack quantity, use PO401, PO403, and PO404 (code UNT). If there are 50 pairs in a unit container, PO401 would cite 50, PO403 would cite code PR, and PO404 would cite code UNT. If it is necessary to specify not only the quantity of items in a unit container, but also the size and unit of measure of those items, use PO401, PO402, PO403, and PO404. In this instance, if there are 24, 12 oz bottles in the unit container, PO401 would cite 24, PO402 would cite 12, PO403 would cite code OZ, and PO404 would cite code UNT. In either of these examples, the number of unit containers in an intermediate container would be carried in PO414. If only the quantity per unit container is required, use code INT in PO404 and cite the quantity in PO414.

2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes: 1   If either PO402 or PO403 is present, then the other is required.
                2   If PO405 is present, then PO406 is required.
                3   If either PO406 or PO407 is present, then the other is required.
                4   If either PO408 or PO409 is present, then the other is required.
                5   If PO410 is present, then PO413 is required.
                6   If PO411 is present, then PO413 is required.
                7   If PO412 is present, then PO413 is required.
                8   If PO413 is present, then at least one of PO410 PO411 or PO412 is required.

Semantic Notes:
Comments: 1   PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.
                2   PO413 defines the unit of measure for PO410, PO411, and PO412.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PO401	356	Pack	O	N0	1/6

Number of inner pack units per outer pack unit.

1. Use to identify the unit pack quantity.

2. Cite the number 777777 to indicate a bulk quantity (MIL-STD 2073-2C code BLK).

PO402	357	Size	X	R	1/8

Size of supplier units in pack.

Use only to identify the size of the individual items within a unit container.

PO403	355	Unit or Basis for Measurement Code	X	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.
Refer to 003050 Data Element Dictionary for acceptable code values.

PO404	**103**	**Packaging Code**	O	AN	3/5

Code identifying the type of packaging. Part 1. Packaging form. Part 2. Packaging Material.

INT	Intermediate Container
PAF	Pallet - 4 Way
	A pallet that permits entry of handling equipment on each of its four sides
PAT	Pallet - 2 Way
	A pallet that permits entry of handling equipment on opposing two of its four sides
SRW	Shrink Wrap
	In packaging, a method of securing a unit load by placing a large ``bag" of plastic film over the components and applying heat to induce shrinkage and cause the bag to tighten around the contents
UNT	Unit
	Used to indicate the unit container.

PO405	**187**	**Weight Qualifier**	O	ID	1/2

Code defining the type of weight.
Use any code.
Refer to 003050 Data Element Dictionary for acceptable code values.

PO406	**384**	**Gross Weight per Pack**	X	R	1/9

Numeric value of gross weight per pack.
Use this data element to specify the weight of a container. The weight shall be provided to 1 decimal place.

PO407	**355**	**Unit or Basis for Measurement Code**	X	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.
Refer to 003050 Data Element Dictionary for acceptable code values.

PO408	**385**	**Gross Volume per Pack**	X	R	1/9

Numeric value of gross volume per pack.
Use this data element to specify the cube of a container. The cube shall be provided to 3 decimal places.

PO409	**355**	**Unit or Basis for Measurement Code**	X	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.
Refer to 003050 Data Element Dictionary for acceptable code values.

| PO410 | 82 | **Length** | O | R | 1/8 |

Largest horizontal dimension of an object measured when the object is in the upright position.

| PO411 | 189 | **Width** | O | R | 1/8 |

Shorter measurement of the two horizontal dimensions measured with the object in the upright position.

| PO412 | 65 | **Height** | O | R | 1/8 |

Vertical dimension of an object measured when the object is in the upright position.
Use to specify the depth of a container.

| PO413 | 355 | **Unit or Basis for Measurement Code** | X | ID | 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.
Refer to 003050 Data Element Dictionary for acceptable code values.

| PO414 | 810 | **Inner Pack** | O | N0 | 1/6 |

Number of units in each selling pack
Use to specify the quantity of unit containers in an intermediate container.

Segment: **REF** Reference Numbers
Position: 100
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying numbers.
Notes: 1. Use this 2/REF/100 segment to identify reference numbers that apply to a specific line item. Use the 1/REF/050 segment to identify reference numbers that apply to all of the line items.

2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.
Syntax Notes: 1   At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> REF01	128	Reference Number Qualifier	M	ID	2/2

Code qualifying the Reference Number.

When codes CT or W6 are used, one iteration of the 2/DTM/200 segment is REQUIRED. Use code 036 (Expiration) in DTM01 and provide the expiration date of the cited schedule or contract in DTM02.

2Y	Wage Determination

Use to indicate a Department of Labor Wage Determination.

73	Statement of Work (SOW)

Description of a product or service to be procured under a contract; statement of requirements

If a Statement of Work is part of the quote, the PWK segment can be used to indicate how the SOW is being provided.

97	Package Number

A serial number indicating unit shipped

AH	Agreement Number

Use to indicate a Union Agreement Number.

C7	Contract Line Item Number
CH	Customer catalog number
CT	Contract Number

Use to indicate a contract or agreement other than a Federal Supply Schedule from which the quoted item can be ordered. Enter the contract number in REF02 and explain the nature of the contract in REF03 if necessary. The expiration date of the contract must be specified in the DTM segment.

DG	Drawing Number

If a revision number and/or date must be cited for the drawing number, concatenate the revision number with the drawing number and provide the date in REF03.

IJ	Standard Industry Classification (SIC) Code

		Use to indicate an exception is being taken to the Standard Industry Classification (SIC) code applicable to the solicitation. When used, the bidder should cite the SIC code considered appropriate.
IX	Item Number	
		Use to indicate a Federal supply schedule (FSS) special item number.
K6	Purchase Description	
LT	Lot Number	
LX	Qualified Products List	
		Use to indicate the Qualified Products List (QPL) number where the quoted item can be found.
NI	Military Standard (MIL-STD) Number	
P4	Project Code	
QC	Product Specification Document Number	
	Model designation of replacement component	
S2	Military Specification Number (MILSPEC)	
S3	Specification Number	
		Use to indicate a specification number other than a MIL-SPEC. When used, identify the specification in REF03.
TN	Transaction Reference Number	
		Use to indicate a unique reference number for a related transaction set.
TP	Test Specification Number	
VW	Standard	
		Use to indicate a standard other than a MIL-STD. When used, identify the standard in REF03.
W6	Federal Supply Schedule Number	
	Identifies an item with a two-digit group number, two-digit part number, and one-character section letter	
		Use to indicate a Federal Supply Schedule in which the quoted item can be found and provide the Schedule number in REF02. The expiration date MUST be noted in the DTM segment.
ZZ	Mutually Defined	
		Use to indicate another type of reference number. When used, identify the nature of the number in REF03.

REF02   127   **Reference Number**   X   AN   1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.
If a document has a revision, the document number and the revision number should be concatenated and cited in this data element.

REF03   352   **Description**   X   AN   1/80

A free-form description to clarify the related data elements and their content.
1. Use, if necessary, to carry additional information applicable to a reference number cited in REF02.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information
Position:	130
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge.
Notes:	Use this 2/SAC/130 segment to identify amounts and, if applicable, quantities, for services, allowances, or non-CLIN charges that apply to a specific line item. If the amounts and quantities for the services, allowances or non-CLIN charges apply to all of the line items, use the 1/SAC/120 segment.

Syntax Notes:	1	At least one of SAC02 or SAC03 is required.
	2	If either SAC03 or SAC04 is present, then the other is required.
	3	If either SAC06 or SAC07 is present, then the other is required.
	4	If either SAC09 or SAC10 is present, then the other is required.
	5	If SAC11 is present, then SAC10 is required.
	6	If SAC13 is present, then at least one of SAC02 or SAC04 is required.
	7	If SAC14 is present, then SAC13 is required.
Semantic Notes:	1	If SAC01 is A or C, then at least one of SAC05, SAC07, or SAC08 is required.
	2	SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
	3	SAC08 is the allowance or charge rate per unit.
	4	SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
	5	SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
	6	SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
Comments:	1	SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
	2	In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a ``Dollar Basis Amount''. It is represented in the SAC segment in SAC10 using the qualifier DO - Dollars in SAC09.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> SAC01	248	Allowance or Charge Indicator	M	ID	1/1
		Code which indicates an allowance or charge for the service specified.			
		C Charge			
		N No Allowance or Charge			
		Use to indicate there is no charge for the service specified SAC02.			
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4
		Code identifying the service, promotion, allowance, or charge			
		1. Any code may be used but the listed codes are preferred.			
		2. As a minimum, the codes listed in the solicitation must be used to identify			

whether or not there is a charge.

B180 Cleaning Charge
B610 Container Service Charge USA/Canada
Use to indicate a reusable container.

B870 Customs Charge
C240 Disconnect Charge
C330 Distribution Fee
C370 Diversion Charge
C880 Expediting Premium
D500 Handling
D530 Hazardous Cargo Charge
D660 Hook-up charge
D820 Inside Delivery
D870 Inspection
D890 Installation and Training
D900 Installation
E340 Less Than Truckload (LTL) Charge
Use to indicate a charge for a less than carload or truckload delivery.

E400 Loading (Labor Charges)
F150 Packaging Service
F460 Postage
F560 Premium Transportation
F830 Proof of Delivery
Use to indicate a charge for the preparation of a DD Form 250.

G030 Reconnect charge
G350 Rents and Leases
G470 Restocking Charge
G530 Rework
G580 Royalties
G660 Scrap Allowance
G740 Service Charge
G760 Set-up
H170 Special Tooling Charge
H430 Storage
H540 Supplemental Items
Use to indicate the amount for Contractor Acquired Parts (CAP).

H550 Surcharge

H850 Tax
*Use to indicate total taxes applicable to the line item amount that are included
in the unit prices.*

H990 Testing Services Charge
I260 Transportation Direct Billing
*Use to indicate the amount for pre-paid transportation charges that will be
added to an invoice.*

I380 Unloading (Labor Charges)
I590 Warranties

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | SAC03 | 559 | **Agency Qualifier Code** | X | ID | 2/2 |

Code identifying the agency assigning the code values.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | SAC04 | 1301 | **Agency Service, Promotion, Allowance, or Charge Code** | X | AN | 1/10 |

Agency maintained code identifying the service, promotion, allowance, or charge

| | SAC05 | 610 | **Amount** | O | N2 | 1/15 |

Monetary amount.

| | SAC06 | 378 | **Allowance/ Charge Percent Qualifier** | X | ID | 1/1 |

Code indicating on what basis allowance or charge percent is calculated.
1. Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

| | SAC07 | 332 | **Percent** | X | R | 1/6 |

Percent expressed as a percent

Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

| | SAC08 | 118 | **Rate** | O | R | 1/9 |

Rate expressed in the standard monetary denomination for the currency specified

| | SAC09 | 355 | **Unit or Basis for Measurement Code** | X | ID | 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

An application program conversion table may be required to convert agency codes to X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

| | SAC10 | 380 | **Quantity** | X | R | 1/15 |

Numeric value of quantity.

If applicable, use to identify the quantity to which the amount in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.

| | SAC11 | 380 | **Quantity** | O | R | 1/15 |

Numeric value of quantity.

| X | SAC12 | 331 | **Allowance or Charge Method of Handling Code** | O | ID | 2/2 |

Code indicating method of handling for an allowance or charge.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | SAC13 | 127 | **Reference Number** | X | AN | 1/30 |

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

| X | SAC14 | 770 | **Option Number** | O | AN | 1/20 |

A unique number identifying available promotion or allowance options when more than one is offered.

| X | SAC15 | 352 | **Description** | O | AN | 1/80 |

A free-form description to clarify the related data elements and their content.

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 150
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify terms of sale.
Notes: 1. Use this 2/ITD/150 segment when a discount applies to individual line items. If the discount applies to all of the line items, use the 1/ITD/130 segment.

                2. The Prompt Payment Act specifies payment terms as Net 30 unless an appropriate discount is applicable. Contractors do not need to cite net payment terms.
Syntax Notes: 1   If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
                2   If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
                3   If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes: 1   ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments: 1   If the code in ITD01 is 04, then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is 05, then ITD06 or ITD07 is required.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
X	ITD01	336	Terms Type Code	O	ID	2/2
			Code identifying type of payment terms.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	ITD02	333	Terms Basis Date Code	O	ID	1/2
			Code identifying the beginning of the terms period.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	ITD03	338	Terms Discount Percent	O	R	1/6
			Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date. *Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).*			
X	ITD04	370	Terms Discount Due Date	X	DT	6/6
			Date payment is due if discount is to be earned.			
	ITD05	351	Terms Discount Days Due	X	N0	1/3
			Number of days in the terms discount period by which payment is due if terms discount is earned.			
X	ITD06	446	Terms Net Due Date	O	DT	6/6
			Date when total invoice amount becomes due.			
X	ITD07	386	Terms Net Days	O	N0	1/3
			Number of days until total invoice amount is due (discount not applicable).			
X	ITD08	362	Terms Discount Amount	O	N2	1/10
			Total amount of terms discount.			
X	ITD09	388	Terms Deferred Due Date	O	DT	6/6
			Date deferred payment or percent of invoice payable is due.			
X	ITD10	389	Deferred Amount Due	X	N2	1/10
			Deferred amount due for payment.			
X	ITD11	342	Percent of Invoice Payable	X	R	1/5
			Amount of invoice payable expressed in percent.			
X	ITD12	352	Description	O	AN	1/80

A free-form description to clarify the related data elements and their content.

| X | ITD13 | 765 | **Day of Month** | X | N0 | 1/2 |

The numeric value of the day of the month between 1 and the maximum day of the month being referenced.

| X | ITD14 | 107 | **Payment Method Code** | O | ID | 1/1 |

Code identifying type of payment procedures.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | ITD15 | 954 | **Percent** | O | R | 1/10 |

Percentage expressed as a decimal

Segment: **DIS** Discount Detail
Position: 160
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 20
Purpose: To specify the exact type and terms of various discount information.
Notes: 1. Use this 2/DIS/160 segment to identify volume discount information applicable to the line item that is based on the dollar value purchased.

2. Use the 2/N9/400 segment, with N901 citing code L1, and the 2/MSG/410, to specify other volume or promotional discounts that apply to a line item.

Syntax Notes:
Semantic Notes: 1   DIS05 is the minimum for application of the discount.
2   DIS06 is the maximum for application of the discount.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	DIS01	653	Discount Terms Type Code	M	ID	3/3
			Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
>>	DIS02	654	Discount Base Qualifier	M	ID	2/2
			Code to define unit of discount, i.e., dollars, cases, alternate products, etc.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
>>	DIS03	655	Discount Base Value	M	R	1/10
			A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount.			
>>	DIS04	656	Discount Control Limit Qualifier	M	ID	2/3
			Code to define the units of the limits for determining discount.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
>>	DIS05	657	Discount Control Limit	M	N0	1/10
			Amount or time associated with application of the discount.			
	DIS06	657	Discount Control Limit	O	N0	1/10
			Amount or time associated with application of the discount.			

Segment: **FOB** F.O.B. Related Instructions
Position: 180
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify transportation instructions relating to shipment.
Notes: 1. Use this 2/FOB/180 segment when the FOB point and acceptance location applies to a specific line item. Use the 1/FOB/080 segment to specify an FOB point and acceptance location that applies to all of the line items.

2. This segment is not used when the quote is for a service without deliverables or construction.

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes: 1   If FOB03 is present, then FOB02 is required.
                 2   If FOB04 is present, then FOB05 is required.
                 3   If FOB07 is present, then FOB06 is required.
                 4   If FOB08 is present, then FOB09 is required.
Semantic Notes: 1   FOB01 indicates which party will pay the carrier.
                 2   FOB02 is the code specifying transportation responsibility location.
                 3   FOB06 is the code specifying the title passage location.
                 4   FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Comments:

Data Element Summary

Ref. Des.	Data Element	Name			Attributes	
>> FOB01	146	Shipment Method of Payment			M ID 2/2	

Code identifying payment terms for transportation charges.

BP   Paid by Buyer

The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)
Use to indicate a Government Bill of Lading (GBL) will be issued.

PE   Prepaid and Summary Bill

Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.

PP   Prepaid (by Seller)

Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on this instrument's invoice. When used, if known, specify the cost in the SAC segment citing code I260 in SAC02.

PS   Paid by Seller

The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location)
Use to indicate transportation charges are included in

the unit price.

	FOB02	309	**Location Qualifier**	X	ID	1/2

Code identifying type of location.

Use to indicate the FOB point.

		DE	Destination (Shipping)
		FV	Free Alongside Vessel (Free On Board [F.O.B.] Point)
		IT	Intermediate FOB Point

A location indicating the point of destination is not the origin or final destination but rather at some other point
Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC in N101.

		OR	Origin (Shipping Point)
		ZZ	Mutually Defined

Use to indicate another FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.

X	FOB03	352	**Description**	O	AN	1/80

A free-form description to clarify the related data elements and their content.

X	FOB04	334	**Transportation Terms Qualifier Code**	O	ID	2/2

Code identifying the source of the transportation terms.
Refer to 003050 Data Element Dictionary for acceptable code values.

X	FOB05	335	**Transportation Terms Code**	X	ID	3/3

Code identifying the trade terms which apply to the shipment transportation responsibility.
Refer to 003050 Data Element Dictionary for acceptable code values.

	FOB06	309	**Location Qualifier**	X	ID	1/2

Code identifying type of location.

Use to identify the acceptance location. This code also identifies the inspection location unless N101 in the 2/N1/420 loop is code L1.

		DE	Destination (Shipping)
		OR	Origin (Shipping Point)
		ZZ	Mutually Defined

Use to indicate the acceptance point is neither at origin nor at destination. Provide the address in the N1 loop, using code KZ in N101.

X	FOB07	352	**Description**	O	AN	1/80

A free-form description to clarify the related data elements and their content.

X	FOB08	54	**Risk of Loss Qualifier**	O	ID	2/2

Code specifying where responsibility for risk of loss passes.
Refer to 003050 Data Element Dictionary for acceptable code values.

X	FOB09	352	**Description**	X	AN	1/80

A free-form description to clarify the related data elements and their content.

Segment: **DTM** Date/Time Reference
Position: 200
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times.
Notes: 1. Use this 2/DTM/200 segment when dates apply to a specific line item. If the dates
               apply to all of the line items, use the 1/DTM/150 segment.

               2. Use this segment for delivery information when the quoted delivery can be specified
               as an actual date. If the quoted delivery schedule is expressed as a set time period after
               the occurrence of some event, use the 2/LDT/394 loop or the 2/LDT/ 550 loop if the
               delivery schedule is applicable to a named entity.

               3. Use this segment when the quote differs from the solicitation requirements or to
               provide information essential to the quote.
Syntax Notes: 1   At least one of DTM02 DTM03 or DTM06 is required.
               2   If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> DTM01	374	Date/Time Qualifier	M ID 3/3

Code specifying type of date or time, or both date and time.

017	Estimated Delivery
036	Expiration
	Date coverage expires

Use this code to indicate the expiration date of a Federal Supply Schedule or contract. This relates to the information provided in the 2/REF/100 segment, specifically for codes CT, or W6, in REF01.

037	Ship Not Before
063	Do Not Deliver After

Use to indicate deliveries cannot be made after a specified date and/or time.

064	Do Not Deliver Before

Use to indicate deliveries cannot be made before a specified date and/or time.

065	1st Schedule Delivery
066	1st Schedule Ship
069	Promised for Delivery

Use to indicate the exact date when the offeror proposes to make delivery.

075	Promised for Delivery (Prior to and Including)

Use to indicate the date on or before which the offeror proposes to make delivery.

078	Promised for Delivery (Week of)

When this code is used, cite the beginning date of the week.

	174	Month Ending

Use to indicate delivery is required on the last date of the specified month.

	193	Period Start

Use to indicate the performance period start date.

	194	Period End

Use to indicate the performance period end date.

	227	Lease Term Start
	228	Lease Term End
	276	Contract Start

The start date for a contract

Use to indicate the commencement date of an Agreement or an IDC award instrument.

	279	Contract Completion

The finish date for a contract

Use to indicate the completion date of an Agreement or an IDC award instrument.

	368	Submittal

Date an item was submitted to a customer

When REF01 is code TN, use to indicate the date of a related transaction set.

	375	Delivery Start

The date that deliveries will begin

Use to indicate the start date for deliveries when the total quantity is to be delivered during a specified time period.

	376	Delivery End

The date that deliveries will end

Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.

	800	Midpoint of Performance

Use to indicate the date when half the effort in terms of dollars or hours will be completed.

	937	Department of Labor Wage Determination Date

Use to indicate the date of a Department of Labor Wage Determination.

	992	Date Requested

Use to indicate the extension date requested for a quote submission for the line item identified in PO101. Not applicable to IFB. Cite code 04 in BQR01 of the subsequent quote.

DTM02	373	**Date**	X	DT	6/6

Date (YYMMDD).

DTM03	337	**Time**	X	TM	4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)
If applicable, use to indicate the time for a delivery.

DTM04	623	**Time Code**	O	ID	2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow.

CT	Central Time
ET	Eastern Time
GM	Greenwich Mean Time
LT	Local Time
MT	Mountain Time
PT	Pacific Time

DTM05   624   **Century**   **O   N0   2/2**

The first two characters in the designation of the year (CCYY).

DTM06   1250   **Date Time Period Format Qualifier**   **X   ID   2/3**

Code indicating the date format, time format, or date and time format.

1. Use any code.

2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format. Use also, to qualify a range of dates or times.
Refer to 003050 Data Element Dictionary for acceptable code values.

DTM07   1251   **Date Time Period**   **X   AN   1/35**

Expression of a date, a time, or range of dates, times or dates and times.

Use to identify a time range for deliveries on a specified date, e.g., use code RTM in DTM06 to qualify a delivery range for March 30, 1995 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1995 date.

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)

Position:	250
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify the carrier, sequence of routing and to provide transit time information.
Notes:	1. Use this 2/TD5/250 segment to identify the transportation method that is applicable to a specific line item. Use the 2/TD5/500 segment if the transportation method for the line item applies to a named entity.
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.
Syntax Notes:	1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
	2 If TD502 is present, then TD503 is required.
	3 If TD507 is present, then TD508 is required.
	4 If TD510 is present, then TD511 is required.
Semantic Notes:	
Comments:	1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement: use TD502 to identify the party responsible for defining the routing sequence; use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
X	TD501	133	**Routing Sequence Code**	O	ID	1/2
			Code describing the relationship of a carrier to a specific shipment movement.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD502	66	**Identification Code Qualifier**	X	ID	1/2
			Code designating the system/method of code structure used for Identification Code (67).			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD503	67	**Identification Code**	X	AN	2/20
			Code identifying a party or other code.			
	TD504	91	**Transportation Method/Type Code**	X	ID	1/2
			Code specifying the method or type of transportation for the shipment.			
			1. Use any code.			
			2. An application program conversion table may be required to convert agency codes to X12 codes.			
			D Parcel Post			
			Use to indicate the US Postal Service and not a private carrier.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD505	387	**Routing**	X	AN	1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.			
X	TD506	368	**Shipment/Order Status Code**	X	ID	2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

X	TD507	309	**Location Qualifier**	O	ID	1/2

Code identifying type of location.

Refer to 003050 Data Element Dictionary for acceptable code values.

X	TD508	310	**Location Identifier**	X	AN	1/30

Code which identifies a specific location.

X	TD509	731	**Transit Direction Code**	O	ID	2/2

The point of origin and point of direction.

Refer to 003050 Data Element Dictionary for acceptable code values.

X	TD510	732	**Transit Time Direction Qualifier**	O	ID	2/2

Code specifying the value of time used to measure the transit time.

Refer to 003050 Data Element Dictionary for acceptable code values.

X	TD511	733	**Transit Time**	X	R	1/4

The numeric amount of transit time.

	TD512	284	**Service Level Code**	X	ID	2/2

Code defining service

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**TD4** Carrier Details (Special Handling or Hazardous Materials or Both)
Position:	270
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	5
Purpose:	To specify transportation special handling requirements or hazardous materials information or both.
Notes:	1. Use this 2/TD4/270 segment to provide special handling or hazardous material information that applies to a specific line item. Use the 2/TD4/520 segment when the information applies to a named entity.
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.
Syntax Notes:	1 At least one of TD401 TD402 or TD404 is required.
	2 If TD402 is present, then TD403 is required.
Semantic Notes:	
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
TD401	152	**Special Handling Code**	X	ID	2/3

Code specifying special transportation handling instructions.

Any code may be used but the listed codes are preferred.

AMM A.M. Delivery Requirement
DA   Dangerous
EX   Explosive Flammable Gas
FG   Flammable Gas
FL   Flammable
FP   Flammable Poison Gas
HM   Endorsed as Hazardous Material
LT   Less Than Full Carload
LTT Less Than Truckload
PG   Poisonous Gas
PMM P.M. Delivery Requirement
Refer to 003050 Data Element Dictionary for acceptable code values.

TD402	208	**Hazardous Material Code Qualifier**	X	ID	1/1

Code which qualifies the Hazardous Material Class Code (209).

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

TD403	209	**Hazardous Material Class Code**	X	AN	2/4

Code specifying the kind of hazard for a material.

TD404	352	**Description**	X	AN	1/80

A free-form description to clarify the related data elements and their content.

Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**MSG** Message Text	
Position:	289	
Loop:	PO1	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To provide a free form format that would allow the transmission of text information.	
Notes:	1. Use this segment to provide, in plain text, information not associated with a lead time, clause or address.	
	2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.	
Syntax Notes:		
Semantic Notes:		
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	MSG01	933	**Free-Form Message Text** Free-form message text.	M	AN	1/264
X	MSG02	934	**Printer Carriage Control Code** A field to be used for the control of the line feed of the receiving printer. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2

Segment: **SPI** Specification Identifier

Position: 291
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To provide a description of the included specification or technical data items.
Notes: Use this segment to identify those elements of the quote that have a government security classification or commercial protection level.
Syntax Notes: 1   If either SPI02 or SPI03 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> SPI01	786	**Security Level Code**	M ID 2/2

Code indicating the level of confidentiality assigned by the sender to the information following.

Use to identify the level of government security classification or commercial protection level applicable to the items identified in SPI02/03. If the item has both a government security classification and a commercial protection level, cite the government security classification in this data element and cite the commercial protection level in SPI09.

06	Supplier Proprietary
11	Competition Sensitive
92	Government Confidential
93	Government Secret
94	Government Top Secret

Ref. Des.	Data Element	Name	Attributes
SPI02	128	**Reference Number Qualifier**	X ID 2/2

Code qualifying the Reference Number.

1. Use to identify items within the transaction set that are either government classified, e.g., drawing number, SOW, or those items that have a commercial protection level assigned by the offeror. Use SPI04 to further define the number or to describe the item cited in SPI03, if necessary.

2. Use any code.

91 Cost Element
Use to indicate cost or price data, e.g., unit price, labor rate, overhead rate, etc. When this code is used, cite the number to which the protection level applies in SPI03 and use SPI04 to define the number.

DD Document Identification
Use to indicate an Engineering Data List.
Refer to 003050 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes
SPI03	127	**Reference Number**	X AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Ref. Des.	Data Element	Name	Attributes
SPI04	790	**Entity Title**	O AN 1/132

Title of the data entity.
Use only if necessary to further define the number in SPI03.

| X | SPI05 | 791 | **Entity Purpose** | O | AN | 1/80 |

The reason for the existence of the data item specified by the electronic data
item independent of its presence in an EDI transaction.

| X | SPI06 | 792 | **Entity Status Code** | O | ID | 1/1 |

Code indicating the current status of the data item specified by the electronic
data item.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | SPI07 | 353 | **Transaction Set Purpose Code** | O | ID | 2/2 |

Code identifying purpose of transaction set.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | SPI08 | 755 | **Report Type Code** | O | ID | 2/2 |

Code indicating the title or contents of a document, report or supporting item

Refer to 003050 Data Element Dictionary for acceptable code values.

| | SPI09 | 786 | **Security Level Code** | O | ID | 2/2 |

Code indicating the level of confidentiality assigned by the sender to the
information following.
*When SPI01 is code 92, 93, or 94, use to identify the commercial protection
level assigned to the item identified in SPI03, if applicable.*

    06   Supplier Proprietary
    11   Competition Sensitive

| X | SPI10 | 559 | **Agency Qualifier Code** | O | ID | 2/2 |

Code identifying the agency assigning the code values.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | SPI11 | 822 | **Source Subqualifier** | O | AN | 1/15 |

A reference that indicates the table or text maintained by the Source Qualifier.

| X | SPI12 | 554 | **Assigned Number** | O | N0 | 1/6 |

Number assigned for differentiation within a transaction set.

| X | SPI13 | 1322 | **Certification Type Code** | O | ID | 1/1 |

Code indicating the type of certification

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | SPI14 | 1401 | **Proposal Data Detail Identifier Code** | O | ID | 1/3 |

Code identifying the basis of a cited value in a proposal.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **SCH** Line Item Schedule

Position:	292
Loop:	SCH
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the data for scheduling a specific line item.
Notes:	1. Use this 2/SCH/292 segment to quote a partial delivery when it can be specified as an actual date and there is only one ship-to addressee. If there is more than one entity receiving a partial shipment, use the 2/SCH/490 segment.
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.
Syntax Notes:	1 If SCH03 is present, then SCH04 is required.
	2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.
	3 If SCH09 is present, then SCH08 is required.
	4 If SCH10 is present, then SCH08 is required.
Semantic Notes:	1 SCH12 is the schedule identification.
Comments:	1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	SCH01	380	**Quantity** Numeric value of quantity.	M	R	1/15
>>	SCH02	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken *1. Use any code.* *2. An application program conversion table may be required to convert agency codes to X12 codes.* Refer to 003050 Data Element Dictionary for acceptable code values.	M	ID	2/2
X	SCH03	98	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	SCH04	93	**Name** Free-form name.	X	AN	1/35
>>	SCH05	374	**Date/Time Qualifier** Code specifying type of date or time, or both date and time.	M	ID	3/3

<div style="margin-left:3em">

017	Estimated Delivery
037	Ship Not Before
063	Do Not Deliver After
	Use to indicate deliveries cannot be made after a specified date and/or time.
064	Do Not Deliver Before
	Use to indicate deliveries cannot be made before a specified date and/or time.
065	1st Schedule Delivery
066	1st Schedule Ship
069	Promised for Delivery

</div>

Use to indicate the exact date when the offeror proposes to make delivery.

075   Promised for Delivery (Prior to and Including)

Use to indicate the date on or before which the offeror proposes to make delivery.

078   Promised for Delivery (Week of)

When this code is used, cite the beginning date of the week.

174   Month Ending

Use to indicate delivery is required on the last date of the specified month.

358   Cycle Begin

Date on which the cycle begins

Use to indicate the beginning of a delivery cycle.

375   Delivery Start

The date that deliveries will begin

Use to indicate the start date for deliveries when the total quantity is to be delivered during a specified time period.

| >> | SCH06 | 373 | **Date** | M | DT | 6/6 |

Date (YYMMDD).

| | SCH07 | 337 | **Time** | O | TM | 4/8 |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)
If applicable, use to indicate the time for a delivery.

| | SCH08 | 374 | **Date/Time Qualifier** | X | ID | 3/3 |

Code specifying type of date or time, or both date and time.

017   Estimated Delivery

037   Ship Not Before

063   Do Not Deliver After

Use to indicate deliveries cannot be made after a specified date and/or time.

064   Do Not Deliver Before

Use to indicate deliveries cannot be made before a specified date and/or time.

069   Promised for Delivery

Use to indicate the exact date when the offeror proposes to make delivery.

075   Promised for Delivery (Prior to and Including)

Use to indicate the date on or before which the offeror proposes to make delivery.

078   Promised for Delivery (Week of)

When this code is used, cite the beginning date of the week.

174   Month Ending

Use to indicate delivery is required on the last date of the specified month.

359   Cycle End

Date on which the cycle ends

Use to indicate the end of a delivery cycle.

| | | 376 | Delivery End | | | |

The date that deliveries will end

Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.

	SCH09	373	**Date**	X	DT	6/6

Date (YYMMDD).

	SCH10	337	**Time**	X	TM	4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)
If applicable, use to indicate the time for a delivery.

X	SCH11	326	**Request Reference Number**	O	AN	1/45

Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number).

X	SCH12	350	**Assigned Identification**	O	AN	1/11

Alphanumeric characters assigned for differentiation within a transaction set.

	Segment:	**PD** Pricing Data
	Position:	392
	Loop:	PD
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To describe the pricing basic input detail.
	Notes:	1. Use this loop to provide labor categories, hours, rates, overhead rates, time periods and other cost information.

2. The information contained in this loop is only applicable to the line item within the same PO1 loop.

Syntax Notes:

Semantic Notes:

1 PD01 is the unit of the time period contained in PD02.
2 PD02 is the date of the start of the time period in PD01.
3 PD04 is the quantity of the unit of measurement in PD03.
4 PD05 is the name of the cost element being proposed.
5 PD06 is the description of the name of the cost element being proposed.
6 PD08 is a reference to a specific paragraph number contained in an external document.
7 PD09 is the category of the data being proposed.

Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	PD01	344	**Unit of Time Period or Interval** Code indicating the time period or interval *Use any code.* Refer to 003050 Data Element Dictionary for acceptable code values.	M	ID	2/2
>>	PD02	373	**Date** Date (YYMMDD). *Use to identify the commencement date of the time period specified in PD01, e.g., if PD01 is code CY, then 940101 would indicate the calendar year commencing January 1, 1994.*	M	DT	6/6
>>	PD03	C001	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use.)	M		
>>	C00101	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken *Any code may be used but the following codes are preferred.* *A8 Dollars per Hours* *DO Dollars, U.S.* *HR Hours* *M4 Monetary Value* *Use to indicate the monetary unit specified in CUR05 if the quote is in other than US dollars.* *P1 Percent* Refer to 003050 Data Element Dictionary for acceptable code values.	M	ID	2/2
X	C00102	1018	**Exponent** Power to which a unit is raised.	O	R	1/15

X	C00103	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R	1/10
X	C00104	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	C00105	1018	**Exponent** Power to which a unit is raised.	O	R	1/15
X	C00106	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R	1/10
X	C00107	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	C00108	1018	**Exponent** Power to which a unit is raised.	O	R	1/15
X	C00109	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R	1/10
X	C00110	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	C00111	1018	**Exponent** Power to which a unit is raised.	O	R	1/15
X	C00112	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R	1/10
X	C00113	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	C00114	1018	**Exponent** Power to which a unit is raised.	O	R	1/15
X	C00115	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R	1/10
>>	PD04	380	**Quantity** Numeric value of quantity. *Use to identify the length of the period of time specified in PD01. For example: If the proposing party wanted to indicate the hourly rate for a specific labor category for a two year period, the PD01 would carry code CY for calendar year, PD02 would carry the beginning year, e.g., 940101, PD03-1 would carry code A8 for dollars per hour, and PD04 would carry the number 2.*	M	R	1/15
>>	PD05	93	**Name** Free-form name. *Use to provide an abbreviated name for the labor category or other category to which the data being provided pertains.*	M	AN	1/35
	PD06	352	**Description** A free-form description to clarify the related data elements and their content. *Use to identify the full description of the abbreviated name provided in PD05.*	O	AN	1/80
	PD07	1196	**Breakdown Structure Detail Code** Codes identifying details relating to a reporting breakdown structure tree.	O	ID	2/2

26   Recurring

Costs that will incur continually over the life of the contract

27   Nonrecurring

Costs that will only be incurred once

| X | PD08 | 127 | **Reference Number** | O | AN | 1/30 |

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

| X | PD09 | 352 | **Description** | O | AN | 1/80 |

A free-form description to clarify the related data elements and their content.

| | PD10 | 1401 | **Proposal Data Detail Identifier Code** | O | ID | 1/3 |

Code identifying the basis of a cited value in a proposal.

1. Use to qualify the data being provided.

2. Use any code.
Refer to 003050 Data Element Dictionary for acceptable code values.

	Segment:	**PDD** Pricing Data Detail
	Position:	393
	Loop:	PD
	Level:	Detail
	Usage:	Optional
	Max Use:	>1

Purpose: To provide the rates, direct input, and pricing factors for each element of work, cross-referenced to an applicable request or submission.

Notes: 1. Use this segment to provide the actual data related to the item or category identified in the preceding PD segment.

2. Each occurrence of this segment may contain an entry in PDD02, or PDD03 or PDD04 but not in more than 1.

3. The number of occurrences of this PDD segment within each PD loop must equal the number cited in PD04 for each iteration of the PD loop.

Syntax Notes: 1   At least one of PDD02 PDD03 or PDD04 is required.

Semantic Notes: 1   PDD01 is a sequential number assigned by the initiator.

Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	PDD01	350	**Assigned Identification**	M	AN	1/11
			Alphanumeric characters assigned for differentiation within a transaction set.			
			A unique and progressive sequence number (starting with the number "1") assigned by the offeror.			
	PDD02	380	**Quantity**	X	R	1/15
			Numeric value of quantity.			
			Only use when PD03 is code HR.			
	PDD03	782	**Monetary Amount**	X	R	1/15
			Monetary amount.			
			1. Only use when PD03 is code A8 or DO.			
	PDD04	954	**Percent**	X	R	1/10
			Percentage expressed as a decimal			
			1. Only use when PD03 is code P1.			
			2. Percents will be cited as a 4 position number with a decimal between positions 2 and 3.			
	PDD05	1401	**Proposal Data Detail Identifier Code**	O	ID	1/3
			Code identifying the basis of a cited value in a proposal.			
			Use any code.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment:	**LDT** Lead Time
Position:	394
Loop:	LDT
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify lead time for availability of products and services.
Notes:	1. Use this 2/LDT/394 loop when the quote delivery schedule is a set time period after the occurrence of some event and varies by line item. If the quote delivery schedule is applicable to a named entity, use the 2/LDT/550 loop. If this segment is used, the 2/DTM/200 segment is not used.

2. The following are examples of how the LDT loop can be used to specify a delivery schedule:

Example 1: Deliver 50 each 180 days after the date of the order.

```
LDT*AY*180*DA n/l
QTY*1J*50*EA n/l
```

Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after the date of the order.

```
LDT*AY*180*DA n/l
QTY*1J*50*MO n/l
```

Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after the date of the order until half the order is completed, then 1000 per month until the total order is complete.

```
LDT*AY*90*DA n/l
QTY*1J*2500*Q1 n/l
QTY*1K*4*Q1 n/l
LDT*AM*1*MO n/l
QTY*1J*1000*MO n/l
QTY*1K*10*MO n/l
LDT*AK*1*MO n/l
QTY*1J*500*EA n/l
```

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes:	
Semantic Notes:	1 LDT04 is the effective date of lead time information.
Comments:	1 LDT02 is the quantity of Unit of Time Periods.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes M ID 2/2
>>	LDT01	345	Lead Time Code Code indicating the time range.	M ID 2/2
			AA From date of PO receipt to sample ready.	
			AD From date of sample approval to first product shipment.	
			AE From date of PO receipt to shipment.	

			AF	From date of PO receipt to delivery.			
			AH	From Date of Receipt of First Article to First Article Approval			
			AI	From Date of a Specified Event to Delivery			
				When this code is used, identify the specified event in the following MSG segment.			
			AJ	From Date of First Delivery to Date of Subsequent Delivery(ies)			
			AK	From Date Of Latest Delivery To Final Delivery			
			AM	From Date Of Previous Delivery To Date Of Subsequent Delivery			
			AP	From Date of Award to Midpoint of Effort			
			AV	From Date of Award to Date of Latest Delivery			
			AW	From Date of Award to Date of Earliest Delivery			
			AX	From Date of Award to Date of Completion			
			AY	From Date of Award to Date of Delivery			
			AZ	From Date of Receipt of Item to Date of Approval of Item			

>> **LDT02** 380 **Quantity** **M** **R** 1/15
Numeric value of quantity.

>> **LDT03** 344 **Unit of Time Period or Interval** **M** **ID** 2/2
Code indicating the time period or interval

	CY	Calendar Year		
	DA	Calendar Days		
	KK	Maximum Calendar Days		
		Use to indicate a flexible time period, e.g., X number of days or less.		
	MO	Month		
	QY	Quarter of a Year		
	SA	Semiannual		
	WK	Weeks		

LDT04 373 **Date** **O** **DT** 6/6
Date (YYMMDD).

Use, as applicable, to cite the effective date of a lead time. For example, the start date of the cited activity.

Segment: **QTY** Quantity
Position: 395
Loop: LDT
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify quantity information.
Notes: 1. Use this segment to specify the quantity that is to be delivered in accordance with the quote delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, weeks, months, quarters, years.

2. Use also to indicate the length of a delivery period, e.g., 4 quarters or the number of shipments.

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> QTY01	673	**Quantity Qualifier** Code specifying the type of quantity.	M	ID	2/2

      1J   Due
                  The amount due to the customer
                  Use to indicate the quantity to be delivered.

      1K   Time Units
                  The number of time units such as 8 (hours)
                  Use to indicate the length of the delivery period.

      SA   Shipments
                  Use to indicate the number of shipments proposed to complete the deliverable quantity.

Ref. Des.	Data Element	Name	Attributes		
>> QTY02	380	**Quantity** Numeric value of quantity.	M	R	1/15

1. When QTY01 is code 1J, cite the quantity to be delivered.

2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4 and in QTY03 identify the time measurement of the delivery period, e.g., months.

Ref. Des.	Data Element	Name	Attributes		
QTY03	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2

1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

DA Days

When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

MO Months
When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

Q1 Quarter (Time)
When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

WK Week
When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

YR Years
When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.
Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **MSG** Message Text
Position: 396
Loop: LDT
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To provide a free form format that would allow the transmission of text information.
Notes: 1. When LDT01 is code AI, use to identify the specified event.

2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	MSG01	933	Free-Form Message Text	M	AN	1/264
			Free-form message text.			
X	MSG02	934	Printer Carriage Control Code	O	ID	2/2
			A field to be used for the control of the line feed of the receiving printer.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment: **LM** Code Source Information
Position: 397
Loop: LM
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Notes: 1. Use this 2/LM/397 loop to provide the codes from DoD 5010.12-M that identify the frequency of delivery for a CDRL data item.

2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes:
Semantic Notes:
Comments: 1   LM02 identifies the applicable industry code list source information.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> LM01	559	Agency Qualifier Code	M	ID	2/2
		Code identifying the agency assigning the code values.			
		DF Department of Defense (DoD)			
LM02	822	Source Subqualifier	O	AN	1/15
		A reference that indicates the table or text maintained by the Source Qualifier.			

Segment: **LQ** Industry Code
Position: 398
Loop: LM
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: Code to transmit standard industry codes
Notes: Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.
Syntax Notes: 1   If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
LQ01	1270	Code List Qualifier Code	O	ID	1/3
		Code identifying a specific industry code list			
		FX Frequency			
		Use to indicate the frequency code for a data item deliverable on a Contract Data Requirements List (DD Form 1423).			
LQ02	1271	Industry Code	X	AN	1/20
		Code indicating a code from a specific industry code list			

Segment:	**N9** Reference Number	
Position:	400	
Loop:	N9	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier.	

Notes: 1. Use this 2/N9/400 loop to provide required information that is applicable to a specific line item. When the information is applicable to the entire quote, use the 1/N9/290 loop.

2. Use this loop to provide certifications, representations or fill-in information applicable to a specific line item as required in the Solicitation (RRA segment) 840 transaction set or to specify exceptions being taken to some item in the solicitation that cannot be provided elsewhere in the transaction set.

3. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment.

4. When an Alternate section is applicable to a cited clause, the alpha/numeric alternate identifier and date MUST be cited in the following MSG segment.

5. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes:
1   At least one of N902 or N903 is required.
2   If N906 is present, then N905 is required.

Semantic Notes:
1   N906 reflects the time zone which the time reflects.

Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> N901	128	Reference Number Qualifier	M	ID	2/2

Code qualifying the Reference Number.

BB	Authorization Number	

        Proves that permission was obtained to provide a service
        Use to indicate the Code of Federal Regulations.

CJ   Clause Number

        Use to indicate a purchasing activity clause (i.e., a clause not found in FAR/DFARS/FIRMR, etc.). Identify the purchasing activity issuing the clause in N903.

DF   Defense Federal Acquisition Regulations (DFAR)

DX   Department/Agency Number

        Use to indicate an Agency Clause and identify the agency in N903.

EC   Circular

        Use to indicate an Office of Management and Budget (OMB) Circular number.

FA   Federal Acquisition Regulations (FAR)

H4   Federal Information Resources Management Regulation

KR   Response to a Request for Quotation Reference

A discrete number assigned for identification purpose to a response to a request for quotation
Use to indicate fill-in information required by the number cited in N902 is being provided in the following MSG segment.

KT   Request for Quotation Reference

A discrete number assigned for identification purposes to a request for quotation
When BQR06 is code BW, use to indicate exceptions are being taken to items in the solicitation and are specified in the following MSG segment. Insert the word "Exception" in N903 when this code is used.

KW   Certification

A number, taken from an acquisition regulation, which represents a specific certification that must be made by a prospective vendor before a contract or order can be placed with that vendor
Use to indicate a certification required by the number cited in N902 is being provided in the following MSG segment.

KX   Representation

A number, taken from an acquisition regulation, which represents a specific representation that must be made by a prospective vendor before a contract or order can be placed with that vendor
Use to indicate a representation required by the number cited in N902 is being provided in the following MSG segment.

KY   Site Specific Procedures, Terms, and Conditions

A set of procedures, terms, and conditions, applicable to a category of procurement emanating from a specific location, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents

KZ   Master Solicitation Procedures, Terms, and Conditions

A set of standard procedures, terms, and conditions, applicable to a category of procurement, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents
Use to indicate the Master Solicitation number that contains terms and conditions that pertain to the solicitation.

L1   Letters or Notes

Use to indicate general information, comments, or notes are being provided by the bidder in the following MSG segment. Insert the word "Note" in N903 when this code is used.

ZZ   Mutually Defined

Use to indicote that amounts applicable to incentive or cost sharing contracts are being provided in the MSG segment. When used, insert the word "Amounts" in

N903.

| | N902 | 127 | **Reference Number** | X | AN | 1/30 |

Reference number or identification number as defined for a particular
Transaction Set, or as specified by the Reference Number Qualifier.

| | N903 | 369 | **Free-form Description** | X | AN | 1/45 |

Free-form descriptive text.

*1. When N901 is code KT, cite the word "Exception"; when N901 is code L1,
cite the word "Note"; when N901 is code ZZ, insert the word "Amounts"; when
N901 is code CJ or DX, identify the Agency or purchasing activity issuing the
clause cited in N902.*

*2. Use of free form text is discouraged if the information can be provided by
some other means within the transaction set.*

| | N904 | 373 | **Date** | O | DT | 6/6 |

Date (YYMMDD).

*Use to identify the date of the clause cited in N902. The DD portion of the date
will always be 01.*

| X | N905 | 337 | **Time** | X | TM | 4/8 |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or
HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59),
S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are
expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| X | N906 | 623 | **Time Code** | O | ID | 2/2 |

Code identifying the time. In accordance with International Standards
Organization standard 8601, time can be specified by a + or - and an indication
in hours in relation to Universal Time Coordinate (UTC) time. Since + is a
restricted character, + and - are substituted by P and M in the codes that follow.
Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**MSG** Message Text
Position:	410
Loop:	N9
Level:	Detail
Usage:	Optional
Max Use:	1000
Purpose:	To provide a free form format that would allow the transmission of text information.
Notes:	1. Use this segment when N901 is code KR, KW, or KX to provide a certification, representation or fill-in information required by the clause or paragraph number cited in N902; when N901 is code L1 to provide general comments or notes; when N901 is code KT to identify exceptions being taken to some portion of the solicitation; or when N901 is code ZZ, to identify amounts applicable to incentive or cost sharing contracts.

2. When providing a certification, representation or fill-in information, the clause title, if cited, and the alternate identifier and date, if applicable, will be the first data provided. This data will be followed by a numeric designation of the number of data items being provided. Each data item will be preceded by the paragraph or section identifier in the clause where the certification, representation or fill-in information is to be inserted (if identifiers are included in the clause). If there is no paragraph or section designator, the required information will immediately follow the numeric designation of the data items being provided. If the information to be provided is to be selected from provided responses within the clause, cite the information that is selected.

3. A pipe sign (|) will be inserted after each data item. As an example, the information required by FAR 52.204-3 would be provided as follows:

Taxpayer Identification| 3| (c) TIN has been applied for| (d) Other corporate entity| (e) Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this clause|

Information required by DFARS 252.211-7012 would be provided as follows:

Certifications--Commercial Items--Competitive Acquisitions| 2|(c)(1) Items offered are commercial items as defined in (b)(1)(iv)| (c2)(ii) Will be produced using government production and research property identified below| Milling Machine| N0001992C1234| Naval Air Systems Command|

In the second example, the name of the offeror and the solicitation number (required by the clause) are provided elsewhere within the transaction set therefore are not repeated in the certification.

4. Use this segment to provide information essential to the quote.

Syntax Notes:	
Semantic Notes:	
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	MSG01	933	**Free-Form Message Text**	M	AN	1/264
			Free-form message text.			
X	MSG02	934	**Printer Carriage Control Code**	O	ID	2/2
			A field to be used for the control of the line feed of the receiving printer.			

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**N1** Name		
Position:	420		
Loop:	N1		
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To identify a party by type of organization, name and code		
Notes:	1. Use this 2/N1/420 loop to provide address information related to a specific line item. Use the 1/N1/310 loop to provide address information that is applicable to all of the line items.		
	2. Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segment N2 through N4 as applicable when address information cannot be provided using one of the codes listed in N103.		
	3. Use this segment to provide information essential to the quote.		
Syntax Notes:	1	At least one of N102 or N103 is required.	
	2	If either N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.	
	2	N105 and N106 further define the type of entity in N101.	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
>>	N101	98	Entity Identifier Code		M ID 2/2	
			Code identifying an organizational entity, a physical location, or an individual			
			31	Postal Mailing Address		
			61	Performed At		
				The facility where work was performed		
				Use to indicate the proposed place of performance when it is other than the offeror's mailing address.		
			AE	Additional Delivery Address		
				Use to indicate a ship in-place location.		
			IC	Intermediate Consignee		
				When FOB02 is code IT, use to indicate a freight forwarder.		
			IS	Party to Receive Certified Inspection Report		
			KF	Audit Office		
				The office performing the audit		
			KG	Project Manager		
				The address of the person responsible for the management of a designated project		
				Use to indicate the party responsible for a project to include the advisor under a Grant.		
			KH	Organization Having Source Control		
				Organization controlling the design and manufacturing process of a product		
				When BQR06 is code AB, use to identify the organization having source control of the product		

		offered.			
	KX	Free on Board Point			
		When FOB02 is code ZZ, use to indicate an FOB point other than at origin or destination.			
	KY	Technical Office			
	KZ	Acceptance Location			
		Use to indicate the acceptance location is proposed at other than origin or destination.			
	L1	Inspection Location			
		Place where the item was viewed or inspected			
	MF	Manufacturer of Goods			
		Use either to identify the actual manufacturer of the item if not the offeror or if a qualification requirement applied to the solicited item to specify the manufacturer that has already met the qualification requirement.			
	PW	Pick Up Address			
	ST	Ship To			
		Use this code when a different delivery schedule associated with a named entity is being proposed. If the ship-to address is an FPO or APO, cite the FPO or APO zip code in N104 and cite code AR in N405.			
	SV	Service Performance Site			
		When services are contracted for, this describes the organization for whom or location address at which those services will be performed			
		Use to indicate the location where a service will be performed, e.g., grass cutting.			
	X2	Party to Perform Packaging			
		A party responsible for packaging an item after it has been produced			
N102	93	**Name**	X	AN	1/35
		Free-form name.			
N103	66	**Identification Code Qualifier**	X	ID	1/2
		Code designating the system/method of code structure used for Identification Code (67).			
		While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.			
	1	D-U-N-S Number, Dun & Bradstreet			
		Use of the DUNS number is preferred over other codes to identify an entity.			
	10	Department of Defense Activity Address Code (DODAAC)			
		Use to indicate a DoD or Civilian Agency Activity Address Code.			
	33	Commercial and Government Entity (CAGE)			
		Use to indicate a commercial entity. If the commercial entity does not have a CAGE code, use code ZC.			
	A2	Military Assistance Program Address Code (MAPAC)			
		Contained in the Military Assistance Program Address			

Directory (MAPAD); represents the location of an
entity

	N104	67	**Identification Code**	X	AN	2/20
			Code identifying a party or other code.			
X	N105	706	**Entity Relationship Code**	O	ID	2/2
			Code describing entity relationship.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	N106	98	**Entity Identifier Code**	O	ID	2/2
			Code identifying an organizational entity, a physical location, or an individual			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

	Segment:	**N2** Additional Name Information
	Position:	430
	Loop:	N1
	Level:	Detail
	Usage:	Optional
	Max Use:	2
	Purpose:	To specify additional names or those longer than 35 characters in length.
	Notes:	This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	N201	93	Name	M	AN	1/35
			Free-form name.			
	N202	93	Name	O	AN	1/35
			Free-form name.			

Segment:	**N3** Address Information		
Position:	440		
Loop:	N1		
Level:	Detail		
Usage:	Optional		
Max Use:	2		
Purpose:	To specify the location of the named party.		
Notes:	This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.		
Syntax Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	N301	166	Address Information Address information	M	AN	1/35
	N302	166	Address Information Address information	O	AN	1/35

Segment:	**N4** Geographic Location
Position:	450
Loop:	N1
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party.
Notes:	This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N401	19	City Name	O	AN	2/30
		Free-form text for city name.			
N402	156	State or Province Code	O	ID	2/2
		Code (Standard State/Province) as defined by appropriate government agency.			
N403	116	Postal Code	O	ID	3/11
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States).			
N404	26	Country Code	O	ID	2/3
		Code identifying the country.			
N405	309	Location Qualifier	X	ID	1/2
		Code identifying type of location.			
		AR Armed Services Location Designation			
		Use to indicate an Army Post Office (APO) or Fleet Post Office (FPO).			
N406	310	Location Identifier	O	AN	1/30
		Code which identifies a specific location.			

Segment:	**PER** Administrative Communications Contact				
Position:	470				
Loop:	N1				
Level:	Detail				
Usage:	Optional				
Max Use:	3				
Purpose:	To identify a person or office to whom administrative communications should be directed.				
Notes:	Use this segment to identify points of contact within the manufacturing entity who has design control or who is manufacturing an equal or substitute line item.				
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.				
	2 If either PER05 or PER06 is present, then the other is required.				
	3 If either PER07 or PER08 is present, then the other is required.				
Semantic Notes:					
Comments:					

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> PER01	366	**Contact Function Code**	M	ID	2/2

Code identifying the major duty or responsibility of the person or group named.

IC	Information Contact
ME	Manufacturing
	Use this code for the manufacturing point of contact.
PP	Program Manager
SU	Supplier Contact
	Use this code for the contact point for a supplier who has design control over a manufactured item.

PER02	93	**Name**	O	AN	1/35

Free-form name.

Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for the first name. If necessary, use PER09 to cite the party's title.

PER03	365	**Communication Number Qualifier**	X	ID	2/2

Code identifying the type of communication number.

AU	Defense Switched Network
	Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
EM	Electronic Mail
FX	Facsimile
IT	International Telephone
TE	Telephone
	Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER04	364	**Communication Number**	X	AN	1/80

Complete communications number including country or area code when applicable.

PER05	365	**Communication Number Qualifier**	X	ID	2/2

Code identifying the type of communication number.

Use to identify a second communications number for the party cited in PER02.

For example, if PER03/04 cites a telephone number, PER05/06 could cite a FAX number.

AU	Defense Switched Network	
	Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
EM	Electronic Mail	
EX	Telephone Extension	
	Use only if PER03 is used citing either code AU or TE.	
FX	Facsimile	
IT	International Telephone	
TE	Telephone	
	Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.	

PER06   364   **Communication Number**   X   AN   **1/80**

Complete communications number including country or area code when applicable.

PER07   365   **Communication Number Qualifier**   X   ID   **2/2**

Code identifying the type of communication number.

Use to identify a third communications number for the party cited in PER02.

AU	Defense Switched Network	
	Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
EM	Electronic Mail	
EX	Telephone Extension	
	Use only if PER05 is used citing either code AU or TE.	
FX	Facsimile	
IT	International Telephone	
TE	Telephone	
	Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.	

PER08   364   **Communication Number**   X   AN   **1/80**

Complete communications number including country or area code when applicable.

PER09   443   **Contact Inquiry Reference**   O   AN   **1/20**

Additional reference number or description to clarify a contact number.

Use, if necessary, to provide the title of the individual cited in PER02.

Segment: **SCH** Line Item Schedule
Position: 485
Loop: N1
Level: Detail
Usage: Optional
Max Use: 200
Purpose: To specify the data for scheduling a specific line item.
Notes: 1. Use this segment to identify a partial delivery when it can be specified as an actual date and is applicable to a named entity.

2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes:
1 If SCH03 is present, then SCH04 is required.
2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.
3 If SCH09 is present, then SCH08 is required.
4 If SCH10 is present, then SCH08 is required.

Semantic Notes:
1 SCH12 is the schedule identification.

Comments:
1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	SCH01	380	Quantity	M	R	1/15

Numeric value of quantity.

>>	SCH02	355	Unit or Basis for Measurement Code	M	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.
Refer to 003050 Data Element Dictionary for acceptable code values.

X	SCH03	98	Entity Identifier Code	O	ID	2/2

Code identifying an organizational entity, a physical location, or an individual
Refer to 003050 Data Element Dictionary for acceptable code values.

X	SCH04	93	Name	X	AN	1/35

Free-form name.

>>	SCH05	374	Date/Time Qualifier	M	ID	3/3

Code specifying type of date or time, or both date and time.

017	Estimated Delivery
037	Ship Not Before
063	Do Not Deliver After

Use to indicate deliveries cannot be made after a specified date and/or time.

064	Do Not Deliver Before

Use to indicate deliveries cannot be made before a specified date and/or time.

065	1st Schedule Delivery
066	1st Schedule Ship
069	Promised for Delivery

Use to indicate the exact date when the offeror proposes to make delivery.

| | | 075 | Promised for Delivery (Prior to and Including) |

Use to indicate the date on or before which the offeror proposes to make delivery.

| | | 078 | Promised for Delivery (Week of) |

When this code is used, cite the beginning date of the week.

| | | 174 | Month Ending |

Use to indicate delivery is required on the last date of the specified month.

| | | 358 | Cycle Begin |

Date on which the cycle begins

Use to indicate the beginning of a delivery cycle.

| | | 375 | Delivery Start |

The date that deliveries will begin

Use to indicate the start date for deliveries when the total quantity is to be delivered during a specified time period.

>>	SCH06	373	**Date**			M	DT	6/6

Date (YYMMDD).

| | SCH07 | 337 | **Time** | | | O | TM | 4/8 |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)
If applicable, use to indicate the time for a delivery.

| | SCH08 | 374 | **Date/Time Qualifier** | | | X | ID | 3/3 |

Code specifying type of date or time, or both date and time.

| | | 017 | Estimated Delivery |

| | | 037 | Ship Not Before |

| | | 063 | Do Not Deliver After |

Use to indicate deliveries cannot be made after a specified date and/or time.

| | | 064 | Do Not Deliver Before |

Use to indicate deliveries cannot be made before a specified date and/or time.

| | | 069 | Promised for Delivery |

Use to indicate the exact date when the offeror proposes to make delivery.

| | | 075 | Promised for Delivery (Prior to and Including) |

Use to indicate the date on or before which the offeror proposes to make delivery.

| | | 078 | Promised for Delivery (Week of) |

When this code is used, cite the beginning date of the week.

| | | 174 | Month Ending |

Use to indicate delivery is required on the last date of the specified month.

| | | 359 | Cycle End |

Date on which the cycle ends

Use to indicate the end of a delivery cycle.

| | | 376 | Delivery End |

			The date that deliveries will end			
			Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.			
	SCH09	373	**Date**	X	DT	6/6
			Date (YYMMDD).			
	SCH10	337	**Time**	X	TM	4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) *If applicable, use to indicate the time for a delivery.*			
X	SCH11	326	**Request Reference Number**	O	AN	1/45
			Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number).			
X	SCH12	350	**Assigned Identification**	O	AN	1/11
			Alphanumeric characters assigned for differentiation within a transaction set.			

Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)	
Position:	500	
Loop:	N1	
Level:	Detail	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify the carrier, sequence of routing and to provide transit time information.	
Notes:	1. Use this 2/TD5/500 segment when the transportation method is applicable to a named entity for a specific line item.	
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.	
Syntax Notes:	1	At least one of TD502 TD504 TD505 TD506 or TD512 is required.
	2	If TD502 is present, then TD503 is required.
	3	If TD507 is present, then TD508 is required.
	4	If TD510 is present, then TD511 is required.
Semantic Notes:		
Comments:	1	When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement: use TD502 to identify the party responsible for defining the routing sequence; use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
X	TD501	133	**Routing Sequence Code**	O	ID	1/2
			Code describing the relationship of a carrier to a specific shipment movement.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD502	66	**Identification Code Qualifier**	X	ID	1/2
			Code designating the system/method of code structure used for Identification Code (67).			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD503	67	**Identification Code**	X	AN	2/20
			Code identifying a party or other code.			
	TD504	91	**Transportation Method/Type Code**	X	ID	1/2
			Code specifying the method or type of transportation for the shipment.			
			1. Use any code.			
			2. An application program conversion table may be required to convert agency codes to X12 codes.			
			D Parcel Post			
			Use to indicate the US Postal Service and not a private carrier.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD505	387	**Routing**	X	AN	1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.			
X	TD506	368	**Shipment/Order Status Code**	X	ID	2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD507	309	**Location Qualifier**	O	ID	1/2

Code identifying type of location.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | TD508 | 310 | **Location Identifier** | X | AN | 1/30 |

Code which identifies a specific location.

| X | TD509 | 731 | **Transit Direction Code** | O | ID | 2/2 |

The point of origin and point of direction.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | TD510 | 732 | **Transit Time Direction Qualifier** | O | ID | 2/2 |

Code specifying the value of time used to measure the transit time.

Refer to 003050 Data Element Dictionary for acceptable code values.

| X | TD511 | 733 | **Transit Time** | X | R | 1/4 |

The numeric amount of transit time.

| | TD512 | 284 | **Service Level Code** | X | ID | 2/2 |

Code defining service

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**TD4** Carrier Details (Special Handling or Hazardous Materials or Both)
Position:	520
Loop:	N1
Level:	Detail
Usage:	Optional
Max Use:	5
Purpose:	To specify transportation special handling requirements or hazardous materials information or both.
Notes:	1. Use this 2/TD4/520 segment when special handling or hazardous material information is applicable to a named entity for a specific line item.
	2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.
Syntax Notes:	1 At least one of TD401 TD402 or TD404 is required.
	2 If TD402 is present, then TD403 is required.
Semantic Notes:	
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
TD401	152	**Special Handling Code**	X	ID	2/3

Code specifying special transportation handling instructions.

Any code may be used but the listed codes are preferred.

AMM A.M. Delivery Requirement
DA   Dangerous
EX   Explosive Flammable Gas
FG   Flammable Gas
FL   Flammable
FP   Flammable Poison Gas
HM   Endorsed as Hazardous Material
LT   Less Than Full Carload
LTT Less Than Truckload
PG   Poisonous Gas
PMM P.M. Delivery Requirement
Refer to 003050 Data Element Dictionary for acceptable code values.

TD402	208	**Hazardous Material Code Qualifier**	X	ID	1/1

Code which qualifies the Hazardous Material Class Code (209).

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

TD403	209	**Hazardous Material Class Code**	X	AN	2/4

Code specifying the kind of hazard for a material.

TD404	352	**Description**	X	AN	1/80

A free-form description to clarify the related data elements and their content.

Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment: **PKG** Marking, Packaging, Loading
Position: **530**
Loop: N1
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To describe marking, packaging, loading and unloading requirements.
Notes: 1. Use this 2/PKG/530 segment to identify packaging requirements applicable to a named entity for a specific line item.

2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes: 1   At least one of PKG04 PKG05 or PKG06 is required.
     2   If PKG04 is present, then PKG03 is required.
     3   If PKG05 is present, then PKG01 is required.
Semantic Notes: 1   PKG04 should be used for industry-specific packaging description codes.
Comments: 1   Use MEA (Measurements) segment to define dimensions, tolerances weights, counts, physical restrictions, etc.
     2   If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used.
     3   Use PKG03 to indicate the organization that publishes the code list being referred to.
     4   Special marking or tagging data can be given in PKG05 (Description).

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PKG01	349	Item Description Type	X	ID	1/1
		Code indicating the format of a description.			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
PKG02	753	Packaging Characteristic Code	O	ID	1/5

Code specifying the marking, packaging, loading and related characteristics being described.
Use the listed codes to identify applicable packaging requirements.

CD	Cleaning or Drying Procedure
CT	Cushioning Thickness
CUD	Cushioning and Dunnage
HM	Hazardous Material
IC	Intermediate Container
LP	Level Of Preservation
OPI	Optional Procedure Indicator
PK	Packing

When the packing code associated with this Packaging Characteristic Code is a three position code; the first position signifies Level A packing for overseas shipments via surface; the second position signifies Level B packing for overseas shipments via freight forwarder, APO/FPO, or air; the third position

signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is being proposed, cite MIL-STD 2073-2C code X in PKG04.

PM	Preservation Method
PML	Preservation Material
SMK	Special Marking
UC	Unit Container
UCL	Unit Container Level
WM	Wrapping Material

PKG03   559   **Agency Qualifier Code**   X   ID   2/2

Code identifying the agency assigning the code values.

DF	Department of Defense (DoD)
GS	General Services Administration (GSA)
	Responsible for Federal Specification
ZZ	Mutually Defined

Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12 requesting a code for Federal Government. If approved, we expect the code will be available for use in ASC X12 Version/Release 3060.

PKG04   754   **Packaging Description Code**   X   AN   1/7

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product.

The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD-2073-2C).

PKG05   352   **Description**   X   AN   1/80

A free-form description to clarify the related data elements and their content.

1. When PKG04 carries a code indicating that the item will be packed differently than required in the solicitation, use to provide an explanation.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

X   **PKG06**   400   **Unit Load Option Code**   X   ID   2/2

Code identifying loading or unloading a shipment

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**LDT** Lead Time	
Position:	550	
Loop:	LDT	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify lead time for availability of products and services.	
Notes:	1. Use this 2/LDT/550 loop if the quote delivery schedule is expressed as a set time period after the occurrence of some event and the ship-to address differs by line item. If the delivery schedule is the same for all ship-to addressees for the line item, use the 2/LDT/394 loop.	

2. The following are examples of how the LDT loop can be used to specify a delivery schedule:

Example 1: Deliver 50 each 180 days after the date of the order.

LDT*AY*180*DA n/l
QTY*1J*50*EA n/l

Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after the date of the order.

LDT*AY*180*DA n/l
QTY*1J*50*MO n/l

Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after the date of the order until half the order is completed, then 1000 per month until the total order is complete.

LDT*AY*90*DA n/l
QTY*1J*2500*Q1 n/l
QTY*1K*4*Q1 n/l
LDT*AM*1*MO n/l
QTY*1J*1000*MO n/l
QTY*1K*10*MO n/l
LDT*AK*1*MO n/l
QTY*1J*500*EA n/l

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes:		
Semantic Notes:	1	LDT04 is the effective date of lead time information.
Comments:	1	LDT02 is the quantity of Unit of Time Periods.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	LDT01	345	Lead Time Code	M	ID	2/2
			Code indicating the time range.			
			AA	From date of PO receipt to sample ready.		
			AD	From date of sample approval to first product shipment.		
			AE	From date of PO receipt to shipment.		

			AF	From date of PO receipt to delivery.			
			AH	From Date of Receipt of First Article to First Article Approval			
			AI	From Date of a Specified Event to Delivery			
				When this code is used, identify the specified event in the following MSG segment.			
			AJ	From Date of First Delivery to Date of Subsequent Delivery(ies)			
			AK	From Date Of Latest Delivery To Final Delivery			
			AM	From Date Of Previous Delivery To Date Of Subsequent Delivery			
			AP	From Date of Award to Midpoint of Effort			
			AV	From Date of Award to Date of Latest Delivery			
			AW	From Date of Award to Date of Earliest Delivery			
			AX	From Date of Award to Date of Completion			
			AY	From Date of Award to Date of Delivery			
			AZ	From Date of Receipt of Item to Date of Approval of Item			
>>	**LDT02**	380	**Quantity** Numeric value of quantity.		**M**	**R**	**1/15**
>>	**LDT03**	344	**Unit of Time Period or Interval** Code indicating the time period or interval		**M**	**ID**	**2/2**
			CY	Calendar Year			
			DA	Calendar Days			
			KK	Maximum Calendar Days			
				Use to indicate a flexible time period, e.g., X number of days or less.			
			MO	Month			
			QY	Quarter of a Year			
			SA	Semiannual			
			WK	Weeks			
	LDT04	373	**Date** Date (YYMMDD).		**O**	**DT**	**6/6**

Use, as applicable, to cite the effective date of a lead time. For example, the start date of the cited activity.

Segment:	**MAN** Marks and Numbers
Position:	560
Loop:	LDT
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To indicate identifying marks and numbers for shipping containers.
Notes:	1. Use this segment to specify marks and numbers associated with a ship-to addressee.

2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes:	1	If either MAN04 or MAN05 is present, then the other is required.
	2	If MAN06 is present, then MAN05 is required.
Semantic Notes:	1	MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
	2	When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
	3	When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.
Comments:	1	When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
	2	MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
>>	MAN01	88	Marks and Numbers Qualifier	M	ID	1/2	
			Code specifying the application or source of Marks and Numbers (87).				
			L Line Item Only				
>>	MAN02	87	Marks and Numbers	M	AN	1/45	
			Marks and numbers used to identify a shipment or parts of a shipment.				
	MAN03	87	Marks and Numbers	O	AN	1/45	
			Marks and numbers used to identify a shipment or parts of a shipment.				
	MAN04	88	Marks and Numbers Qualifier	X	ID	1/2	
			Code specifying the application or source of Marks and Numbers (87).				
			L Line Item Only				
	MAN05	87	Marks and Numbers	X	AN	1/45	
			Marks and numbers used to identify a shipment or parts of a shipment.				
	MAN06	87	Marks and Numbers	O	AN	1/45	
			Marks and numbers used to identify a shipment or parts of a shipment.				

Segment:	**QTY** Quantity
Position:	570
Loop:	LDT
Level:	Detail
Usage:	Optional
Max Use:	5
Purpose:	To specify quantity information.
Notes:	1. Use this 2/QTY/570 segment to specify the quantity of an item that is to be delivered in accordance with the quote delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, weeks, months, quarters, years.
	2. Use also to indicate the length of a delivery period, e.g., 4 quarters or the number of shipments
	3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.
Syntax Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> QTY01	673	**Quantity Qualifier**	M	ID	2/2

Code specifying the type of quantity.

1J	Due	
	The amount due to the customer	
	Use to indicate the quantity to be delivered.	
1K	Time Units	
	The number of time units such as 8 (hours)	
	Use to indicate the length of the delivery period.	
SA	Shipments	
	Use to indicate the number of shipments proposed to complete the deliverable quantity.	

Ref. Des.	Data Element	Name	Attributes		
>> QTY02	380	**Quantity**	M	R	1/15

Numeric value of quantity.

1. When QTY01 is code 1J, cite the quantity to be delivered.

2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4 and in QTY03 identify the time measurement of the delivery period, e.g., months.

Ref. Des.	Data Element	Name	Attributes		
QTY03	355	**Unit or Basis for Measurement Code**	O	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
1. Use any code.

2. An application program conversion table may be required to convert agency codes to X12 codes.

DA Days

*When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01
is code 1K, use to indicate the length of the delivery period.*

MO Months
*When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01
is code 1K, use to indicate the length of the delivery period.*

Q1 Quarter (Time)
*When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01
is code 1K, use to indicate the length of the delivery period.*

WK Week
*When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01
is code 1K, use to indicate the length of the delivery period.*

YR Years
*When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01
is code 1K, use to indicate the length of the delivery period.*
Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: MSG Message Text

Position: 580

Loop: LDT

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To provide a free form format that would allow the transmission of text information.

Notes: 1. When LDT01 is code AI, use to identify the specified event.

2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Syntax Notes:

Semantic Notes:

Comments: 1   MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	MSG01	933	Free-Form Message Text	M	AN	1/264
			Free-form message text.			
X	MSG02	934	Printer Carriage Control Code	O	ID	2/2
			A field to be used for the control of the line feed of the receiving printer.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

	Segment:	**CTT** Transaction Totals
	Position:	010
	Loop:	
	Level:	Summary
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To transmit a hash total for a specific element in the transaction set.
	Notes:	
	Syntax Notes:	1 If either CTT03 or CTT04 is present, then the other is required.
		2 If either CTT05 or CTT06 is present, then the other is required.
	Semantic Notes:	
	Comments:	1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	CTT01	354	**Number of Line Items**	M	N0	1/6
			Total number of line items in the transaction set.			
			Use to identify the total number of PO1 segments.			
	CTT02	347	**Hash Total**	O	R	1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.			
			This is the sum of the quantities (PO102) for all PO1 segments.			
X	CTT03	81	**Weight**	X	R	1/10
			Numeric value of weight.			
X	CTT04	355	**Unit or Basis for Measurement Code**	X	ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	CTT05	183	**Volume**	X	R	1/8
			Value of volumetric measure.			
X	CTT06	355	**Unit or Basis for Measurement Code**	X	ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	CTT07	352	**Description**	O	AN	1/80
			A free-form description to clarify the related data elements and their content.			

Segment: **AMT** Monetary Amount
Position: 015
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount.
Notes: Use this segment to identify the total amount of the quote.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
>>	AMT01	522	Amount Qualifier Code	M	ID	1/2
			Code to qualify amount			
			TT Total Transaction Amount			
			Use to indicate the total amount of the quote.			
>>	AMT02	782	Monetary Amount	M	R	1/15
			Monetary amount.			
X	AMT03	478	Credit/Debit Flag Code	O	ID	1/1
			Code indicating whether amount is a credit or debit			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment:	SE Transaction Set Trailer
Position:	020
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Notes:	
Syntax Notes:	
Semantic Notes:	
Comments:	1 SE is the last segment of each transaction set.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
>> SE01	96	**Number of Included Segments**	M	N0	1/10
		Total number of segments included in a transaction set including ST and SE segments.			
>> SE02	329	**Transaction Set Control Number**	M	AN	4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
		This is the same number as appears in ST02.			

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